

Table 7
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>SEQUENCE:5614:prostate_MPM2000-004P4Novel007_8Table3

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0978529-0964
T09029-925326

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>SEQUENCE:5663:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5665:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5668:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5669:prostate_MPM2000-004P4Novel007_8Table3

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TGGCGTAATCATGGTCANNTAGCTGTTTCCTGGTGTAGAAATTGTTATCCGCTCACATAT
TCCACACATACATACGAGCCGGAAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGA
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>SEQUENCE:5670:prostate_MPM2000-004P4Novel007_8Table3

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ATATTCCTCGTCTAGAACTCTCAGAGGATCCAGAATACAGCCGGTCTCGTGGGCTG
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>SEQUENCE:5671:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5672:prostate_MPM2000-004P4Novel007_8Table3

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TAGCCCAGGCATGCAGTTACATTACATTTTCCAACCTTCTTGCAGTTAGCTACGATCAC
GTGACTGCATTCTGGCCAGTGGAATGTGTGTGGAAGTGATGTGGGCCAATTCAGGCCTG
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>SEQUENCE:5673:prostate_MPM2000-004P4Novel007_8Table3

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTT
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T

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>SEQUENCE:5674:prostate_MPM2000-004P4Novel007_8Table3

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AACCCTGGCGTTACCCAACCTTAATCGCCTTGCAGCACATCCCCTTTTCGCCAGCTGGCGT
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>SEQUENCE:5686:prostate_MPM2000-004P4Novel007_8Table3
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ATTTCAAGAAAAACATTTAAATTGTGCTCATAGTGAAACTGAGAGGTGACCACTCTTAAT
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CATTATTATGAATAATGGTGTATCTCAGTGGTTATTACTTTGCACTGCATTTCTTATGAA
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>SEQUENCE:5687:prostate_MPM2000-004P4Novel007_8Table3
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AAAAGTACTCTCGAGGGGGGGCCCGGACCCAGCTTTTTGTTCCCTTTAGGGAGGGTTAAT
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>SEQUENCE:5688:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5689:prostate_MPM2000-004P4Novel007_8Table3
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TTTCAAGGGTTTATTACTGTTTTATAACTAAGAGACTTGGGACTTTAGTATACGAAAAGG
TGTCATTTCAAATGGGGGAAAATGAATTATTCAACAAATGATCTTGGGACAACTGATAG
CCATTCAGAAAAAAGTGAAGCTGGAACACTATAACATGCTTTACCCACAAATAATCAG
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>SEQUENCE:5690:prostate_MPM2000-004P4Novel007_8Table3
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GCTAAAGAAATATCGCGGTATGGGTTCTCTCGATGCCATGGACAAGCACCTCAGCAGCCA
GAACAGATATTTAGTGAAGCTGACAAAATCAAAGTGGCCCAGGGAGTGTCTGGTGTCTGT
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>SEQUENCE:5691:prostate_MPM2000-004P4Novel007_8Table3
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GGGATTACAGGCGTCCACCGCCACACCTGGCTAATTTTGTGTTTTGATTTTTAGTAGAGA
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>SEQUENCE:5692:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5693:prostate_MPM2000-004P4Novel007_8Table3

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GGCAAGAGGGTTGGACACAAAGCCACAAAGCTACTTGGGTTCTCCTTCTTCTCGTTTGC
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>SEQUENCE:5694:prostate_MPM2000-004P4Novel007_8Table3

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GAAGTTTACATGGCTATCTTTCTTAGTATTAGAAATTTTACCTGATAAACATCAAACATA
CGACCAACATAGCATATAAAGCAGCTCTACAGATATTTTCTACTGCCCAAAATATCATA
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ACAGGATCACAGCAATTTTCAATATGCTCTGCTTGTATAGGAAATCCCCAGAACATTCTC
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CTTTCCTAACCTCCCTCACTCCTCCAGCTCCCTTCTGCTGGTGAATGACATCTCTTACG
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>SEQUENCE:5696:prostate_MPM2000-004P4Novel007_8Table3

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G
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AAGACCTAGGGGCTGGAGAGAGATTCTGGGACGCAGGGCTGGAGTGTCTATTTTCGAGCT
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>SEQUENCE:5697:prostate_MPM2000-004P4Novel007_8Table3

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ATAAAACACTTCTTGGTAAACAAAAAAGCGGCCGCCACCGCGGTGGAGCT
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>SEQUENCE:5698:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5699:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5700:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5701:prostate_MPM2000-004P4Novel007_8Table3

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CAATGGCAATGATAATGGCAATGGGAAAAATGGGGGGCTGGAACACGTACCATCCTCATC
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C

>SEQUENCE:5702:prostate_MPM2000-004P4Novel007_8Table3

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GGTGTGATCTTGGCTCACTGCAACCTCCGCCTCCCGAGTTCAAGTGATTCTCCTGTCTCA
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AGAATAGATGCACAGGCAAGCAGATCTGTATCCATTTTGTGTGGGAAGTTGCTTCCTCT
CTGATGTTCTG
CTTCAAGTAGGGAATGATTAGTGAGTGATACTGTTTGCTAAGTAGTAAGAAAATAAAGAA
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>SEQUENCE:5703:prostate_MPM2000-004P4Novel007_8Table3

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ATGGCACAATCGCGGCTCACTGCAACCTCCACCTCCCGGGTTCAAGTGATTCTCCTGCCT
CGGCCTCCTGAGTAGCTGGGATTACAGGCACTGCCACCATGCCTGGCTGTTTTTCATAT
TTTTAGTAGAGACGGGTTTTACCATGTTGGCCAGGCTGGTCTTGAGCTCGCGACCTCAG
GTGATTCGCCACCTCAGCCTCCCAAAGTATTGGGATTACAGATGTGAGCCACTGTGCC
GGCACTTTTCTGCTTTTAAATACAATGATTTTAGAAAGTCTGTATATGAACCTTTGGGCTT
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>SEQUENCE:5705:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:5706:prostate_MPM2000-004P4Novel007_8Table3

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GTATGTTCTGGCCTCATGGTAACCTCAAACCAAAATACATACAATGGATACACGAAAGAT
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>SEQUENCE:5707:prostate_MPM2000-004P4Novel007_8Table3

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Table 7
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Table 7
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Table 7
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GCCAAAAGATATGTAAGAATGCTTATGGCAGCACTA
>SEQUENCE:5799:prostate_MPM2000-004P4Novel007_8Table3
CCCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGGGTGGCTCTTTATTCGTGAGTTT
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CCGGCGGCCTTGAGCGCTGAGCAAGCAAAGGTGGTCCTCGCGGAGGTGATCCAGGCGTTC
TCCGCCCCGGAGAATGCAGTGCGCATGGACGAGGCTCGGGATAACGCCTGCAACGACATG
GGTAAGATGCTGCAATTCGTGCTGCCCGTGGCCACGCAGATCCAGCAGGAGGTTATCAA
GCCTATGGCTTCAGCTGCGACGGGGAAGGTGTCTTAAGTTTGTCTGCTTGGTCAAGTCC
TACGAAGCCCAGGATCCTGAGATCGCCAGCCTGTGAGGCAAGCTGAAGGCGCTGTTTCTG
CCGCCATGACCTGCCACCCATGGGCCTGTGCTGTTGGCAGCGTGGCCGCTCCTCGA
GAGTTGGCCCTCCCTTGTGCCACTGCCAGGGGAGGAAAGGCCTTGATGTTCCAGACAATA
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>SEQUENCE:5800:prostate_MPM2000-004P4Novel007_8Table3
ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTNNTTTTTTTT
TTTTTTTTTTTTTTTTTTGAGGAAGGCACCTACAAAACGAAAGTGCCTAGGGCTTACAAA
GTCATATGTAGCCTTTACAAATATTAGCTCAGTCATTTTCAGAAAGGTTTTTCCAATTAT
CATTTTAGAGATGAGGGAACTGAAGCTCAGGGAGGCTAGGAACTTATCCAAAGCCTCT
TAAGAGGCTATGTTAGTCAGACTGGGCTAACAGCTGTAACAACCCCAAGAATTTAAATGGC
TTAACACATTAGGAGTTTATTTGTTATTGCCATAACAATTCAGGGTGTATGTTTGGCAGG

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TAGTCTACACAGTGATTCAGGGACCCAGGCTCCTTCCCTCTGGTGGCTTTTTCTCCCTCT
AGTGCTGGGAGCTCTCCATGCAAATGGTGGATGGAGAAAGAGAACAAAAAGTGGGGGATT
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>SEQUENCE:5801:prostate_MPM2000-004P4Novel007_8Table3

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ACTGCAACCTCCTCTTCCCGGGCTCAAGTGATTCTCCTGCCTCAGCCTCCCGAGTAGCTG
GGATTACAGTACCCACCACCATGCCAGCTAATTTTTGTATTTTAATAGAGATGGGG
TTTCACCATGTTGGCCAGGCTGGTCTTGAACCTCCTGACCTCAGGTGATCCACCTGCCTCG
GCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCATGGTACCCAGCCTTCTCAGCATTT
CTGTCTGTCCCCACACACAGGCTCAGCAGCCAGAGAAAGCCAAGGGCATATAGGCAGGGC
AACACATCTGTGCACCTTGC GGCTGCCTGCTAGTTTCCTAGAAACATATTCTCAGACAT
GCCTAAGAAGAAATGCACTTGTAGGTGTTCAAACGCAGGGGTCCCTGAGTTACCAGGAT
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>SEQUENCE:5802:prostate_MPM2000-004P4Novel007_8Table3

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TCTTGGCTCACCGCAACCTCTGCCTCCCTGTTCAAGCAATTCTTCTCCTCAACCTCCCG
AGTAGCTGGGATTACAGGCACCTGCCACCACGCCCTAGCTAATTTTTGTATTTTAGTAG
AGACAGGGTCTCACTGACTTCAGGTGACGCCCGCCTCGGCCTCCCAAAGTGCTGGGATTA
CAGGCGTGAGCCATCACGCCAGCTGGAACCATTATAACTTGTAACAAAATATAGAATAT
AAATTATTGGTTTATTGGGGAGTTCAAATATGAATTTAATAAAACCAAATCTTTTACAA
GTTGAATATAACATTTCTTACTGTGCCCATTTAGACAGGGGTCCATCCAAAGGGCATTTT
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CTAGAAGTACTCTCGAGGGGG

>SEQUENCE:5803:prostate_MPM2000-004P4Novel007_8Table3

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GCAACCTGACCTCAGGTGATTCACCCGCCTCTGTCTCCCAAAGTGCTGGGATTACAGGCG
TGAGCCACTGCGCCCGGCGTCTTTGAATTTTTAACTGAAGTTTAATTGCCTTTGAGTT
TGATCATTCACTATTTGTATTTGTATTTCTTTGTTAATTATCTGCTCAAGCTCTAATT
TCATAATGGAATTTAATGGATTAACATATAACACCCACTATCACCCGCCTTAATTAATT
CTAGAAGTACTCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTCCCTTTAGTGAGGGTTA
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>SEQUENCE:5804:prostate_MPM2000-004P4Novel007_8Table3

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AATCTTGGCTCACTGCAACCTCTGCCTCCTGGGTTCAAGCGATTCTCCTGCTTCAGCCTC
CTAAGTAGCTGGGATTACAGGCACACCCACCACACCCGGCTAATTTTTATATTTTAGT
AGAAATGGGGTTTACCATGTTGGCCAGGCTGGTCTTGAACCTCCTGACCTCGTGATCCAC
CTGCCTCGGCTTCCCAAAGTGTTGAGTCACTGCACCCAGCCTTGCTGAATTTTCTTAAAC
TTTTTTTTCTGACATCTTGAGTTAAAAGTCTTTGTTATTCTTTGAGACGGGATCTGGC
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GGGCTCCTG

>SEQUENCE:5805:prostate_MPM2000-004P4Novel007_8Table3

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TTGTCCCTGTTGTTCTCTATTGTATTCCTTGTTCCTAAAAGGTTCTGGGACATACAGTT
CAAAAATATATATCTGATGTACGAATGACTGAATAAGTGAATGTGACCATAACGCAGAAA
TTCCCTAAGAAATGCTTTGTCCTGATAGGTCTCCAGTCTCTGCAGAGGACAAAGAGAAAT
ATTCTAAGGTCCCAAAAAGTCTTTCTGGTGTGCCACATAAGACCTCCTATTCAAGTTAG
TGTAATATTTCCACATACAGACAATCTTTCTTAGGATTCCACAGAAATTTGAGCAGG
CAACTAGTCTATCCTCCGCTTTCCCAACCTCATCACCAAATTTACAACCTCCACAATC
ATAGTTACCATTTACCAATTGCTTCCTGTAACCCAGGCACTGTAATGATGATGATGATGAT
TGTTATCTAACTCTGTGTAACAACCTTGATAGGTAACCATATG

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>SEQUENCE:5806:prostate_MPM2000-004P4Novel007_8Table3

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TTCTTTTTGTCTCCTGGAATGACATGATGCCTTTCTAGAGAAAAGAAAAATTGCAGGCTAC
AGGAATGATAAAAAGTACTGGATTCATTTAGACTATTCGATTTAGGAAGGTACAACCACT
TCTTTAACATCAAGCTAAAAGTGGGGGAAAAGTCTCAGTCTCCAGGTAGGTCTCCTCTCA
CACTGTCTGGGTGGCAGGCGCTGTTTATACATGCCCGCTATCGCTCTGGCTGCACTGTA
GATCATCTGCCGACGGGACATCCCAAGTAAATGCCATGTGCCAATCAGTCCGGCTGACATT
CAGTAAACTCTTTTCCAGGACTTCAACCACTGTCAACAAAAGGCCTGACCACCTCAGATT
ATAGTCCTGGGGAGTTAGACTTTGAGCCTGCTGTACAAATTCCAAAGGCACTGGTGTGGC
TTGTGTAAATGTTTCTAGATGAATGCCATGGACAGGATCTTCAACCACCAAAACAACCAAT
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>SEQUENCE:5807:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTT
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ATGCTGGACACTAGACCAGCTATAACATTTTCAGATAGAGTGACTTCATGCGTGAAATGA
TCACATACAATGAAGAGGTTTTAAAAAATACAGATGACATAACTTGTTCAGTTGAAGAAA
ATTAATAACTGATATAAACTAAATCATTCTCCTCTTCATTTTAGGGGGATTTTTCTCTG
CAATTGTAAGTATTTATGACTAGAAAGCTGAAGACTGATTTGAGCCTCTTAGCAATACT
CTATTTCAACATTTATCTTCCAAAGAATTATGGCTATTTTATTTCTTCCAATGAAGCTGG
AAAATTATAATATGCCAGCAGATCAGTAGAAATGTAAAAATATTAGTAGTTACCCTTTTA
GATCCAACCTACCTGTAGTGAATAGCAGCAATGCATTCTCTATTTGAGGACAAAACATA
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>SEQUENCE:5808:prostate_MPM2000-004P4Novel007_8Table3

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TAACGTGGATAAAGGGCTCCATCTTGGACAACCTTGATCAGTCTTTCTTCTGTGCTGAAC
AGGGCCTGCCAATAACAAGAAATTCACGCCATTTACAAAGCTTTCTTGTCTTACTCTCA
GAGAAAGCCATTACTGTTACATCATTCAAGAGGCTGTCAAGCTCACACCTTTCTTAAAT
AAGTGTTAGCTTTTTGGGCTGCCTTCCCCAGTTGCTCTGTGCTCCAAACAGATGCCTGT
GTTTAGTCCCCCCCCGTTAATTAATTCTAGAAGTACTCTTAGGGGGGGGCCCGTACCCA
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>SEQUENCE:5809:prostate_MPM2000-004P4Novel007_8Table3

CACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTTTTTTTTACTTGAATTGTTGTTAT
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CACAACGTGCAGGTTTGCTACATATGTATACATGTGCCATGTTGGTGTGCTGCACTCATT
AACTCGTCATTTATATTAGGTATATATACGTGTTTATTGTACCCTTATCGACTTTGCAGC
ATGCTTATCCATCTAACTATTCATCTTTATTTGCCTTCGTTTTTGAAGTTCCCTTATTCA
TCCTAAAACAAAATATAATGCCTGACTCATAGTCAGACTTCACAGTATTTTTAAATGAAT
TACATTGCATTGGGGAAATATAAATAGTAATGTCCTTTTATTAGAGGAAGTCTAAAAGAA
ATTCTTGGGTGAATTGATAATCAAACATTTTAAAGAAGGTATATTGCTAGCAAAGAAAG
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>SEQUENCE:5810:prostate_MPM2000-004P4Novel007_8Table3

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GCATCCCTTCATCATTTTGTGCTTCTATGGGCTAGTTTAGGTCTGAGAGGCATAGT
TTTAAATTTTTATTGTTATTTATTTATTTCTAGAGATAAGGTCTTGCTATGTTTCCAGG
CTGGTCTTGAACCTCTGGCCTCAAGCAATCCTCCTGCAGCAGCCTCCCAAAGTGCTGGGA
TTACAGGCATGAGCCACCACGTCTGGTCAGACAGGCATAGTTTACAAATATGTGGGTGG
ATAAATGCTGTCCAGTCTTACTTCATCACTTCTATCAATTGAATGCTTTTGGTTGAAAT
AACAGAAAATCCAACAAAAGTGACTTAAACAAAGGAAATGTTATTATCTCATGTACCAG
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TCATGGTCATAGCTGTTTCCTGTGTGAA

>SEQUENCE:5811:prostate_MPM2000-004P4Novel007_8Table3

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CTCAATGCAAGCTCCGCCTCCTGGGTTACACCATCTCTTGTCTCAGCCTCCCGAGTAG
CTGAGATTACAGGCACCTGCCACCACGCCCGGCTAATTTTTGTATTTTAGTAGAGATG
GGGTTTCACCGTGTTAGTCAAGATGATCTCGATCTTCTGACCTCGTGATCCACCCGCCTC
AGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCACCCGGCCTTCTCTGTCAAT
TTAATGGATATATGGGGAGGTTATCAGGTAGCCTGCCTCTCAGATTCTTCCCTCCCTGT
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TTAT

>SEQUENCE:5812:prostate_MPM2000-004P4Novel007_8Table3

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ACTGCCAGCTCCGCCTTCCGGGTTTATGCCATTCTTGCCTCAGCCTCCCGAGTAGCTG
GGGCTACAGGCGCCTGCCACCACGCCCGGCTAATTTTTGTATTTTAGTAAAGACGAGA
TTTCACCGTGTTAGCAGGATGGTCTCAATCTCCTGACCTCGTGATCCACCCGCCTCGGCC
TCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGTCCGGCCTGGACCCTCTTAGTTA
ATAATTTTAAAGCAAACTGTGGGCGATTTTGTGTGCATTAAGAGAATTGCTATAAAGA
TGATATCTGGGACTTAGCTGGAGAACTTGATTGTTAGGGCCCTTGGTGCTTAGAAAAAT
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>SEQUENCE:5813:prostate_MPM2000-004P4Novel007_8Table3

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CTCACTGGAAGCTCTGCCTCCCGAGTTTACACCATCTCCTGCCTCAGCCTCTCAAGCAG
CTGGGACTACAGGCGCCAGCCGCCATGCCTGGCTAATTTTTTTGGTATTTTTTAGTACA
GATGGGGTTTTACCGTGTTAGCCAGGATGGTCTCGATCTCCTGACCTCGTGATCTGCCCCA
CTTCAGCCTCCCAAAGTGCTGGGATTACAGGCATGAGCCACCATGCCCGGCCGATTTACAC
CTTTCAATGGCAATTACTATAAGACAGGAAAGTTATTTATTTTATATATTTACCTAATT
TTAAGTTACCTTATACAACCCTCATTAAATAGTCTGTTAGAACTAGAATTTAAACTCTATG
TGAATATGGACCTTATTTAAACAATGTATCCCTAGCACCTAGACAATGCCTAACCTGTCA
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>SEQUENCE:5814:prostate_MPM2000-004P4Novel007_8Table3

GTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTT
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CGGCCTCCTGAGTAGCTGGGATTACAGGCACCTGCCACCATGCCTGGCTGTTTTTCATAT
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GTGATTCGCCCACCTCAGCCTCCCAAAGTATTGGGATTACAGATGTGAGCCACTGTGCC
GGCACTTTTCTGCTTTTAAATACAATGATTTTAGAAAGTCTGTATATGAACCTTTGGGCTT
GTACCTAGATATCCCAGTGTGTGTAGGGAGCCCTGTATATCTGCAAGGGGATCCATTAGA
CCAAGGATATTAGATCCAGCACTTCTCCTTTTTAATGCATGTCATAAGCACATGATTTTA
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>SEQUENCE:5815:prostate_MPM2000-004P4Novel007_8Table3

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TTGGCTCACTGCAACCTCCGCCTCCAGGTTCAAGCGATTCTCCTGCCTCAGCCTCATGA
GTAGCTGGGATGACAGGCGCCACCACCGCGTCTAATTTTTGTATTTTAGTAGAGA
CTGGGTTTCACCATCTTGGCCAGGCTGGTCTCGAACTCCTGACCTCAGGTGATCCGCCTG
CCTCGGCCTCTCAAAGTGCTGGGATTACAGGCGTGAGCCACTGTGCATGGCCAGCTTGAC
AACTTTCTAATTGACTGGCTCCTGTGCATTGCTCATCCTTCTCTCATTTGTTAGTGG
CTAGGAAAAAGAAAGAGTTTGTATCTGAGAAATGTGAGTCCTTTAAAGTCTCAGGAT

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AACAGAGGCATTTAAATGCAACAGCAGTCTCTTCTCACTCTTCCTGGCACTAAATAATG
ACCTCTTGAAGCCACTTGCTATATGGGCTTTACACTGACTGAAGCCAAGTAACCATAAAA
TGCCATATGCTGGACACCATAACCCATACCCTATAGTTCAGCAATCTATAGCCAAACCCT
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>SEQUENCE:5816:prostate_MPM2000-004P4Novel007_8Table3

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TTTTTATTATACTTTAAGTTTTAGGGTACATGTGCACAACGTGCAGGTTTGCTACATATG
TATACATGTGCCATGTTGGTGTGCTGCACTCATTAACCTCGTCATTTATATTAGGTATATA
TACGTGTTCAATTGTACCCTTATCGACTTTGCAGCATGCTTATCCATCTAACTATTCATCT
TTATTTGCCTTCGTTTTTTGAGTTCCTTATTCATCCTAAAACAAAATATAATGCCTGAC
TCATAGTCAGACTTCACAGTATTTTTAAATGAATTACATTGCATTGGGGAAATATAAATA
GTAATGTCCTTTTATAGAGGAAGTCTAAAAGAAATTCTTGGGTGAATTGATAATCAAACA
TTTTTAAGAAGGTATATTTGCTAGCAAAGAAAGAAAAAATATGACAGCTTATTTATATAG
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>SEQUENCE:5817:prostate_MPM2000-004P4Novel007_8Table3

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TTTTTATTATACTTTAAGTTTTAGGGTACATGTGCACAACGTGCAGGTTTGCTACATATG
TATACATGTGCCATGTTGGTGTGCTGCACTCATTAACCTCGTCATTTATATTAGGTATATA
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TCATAGTCAGACTTCACAGTATTTTTAAATGAATTACATTGCATTGGGGAAATATAAATA
GTAATGTCCTTTTATAGAGGAAGTCTAAAAGAAATTCTTGGGTGAATTGATAATCAAACA
TTTTTAAGAAGGTATATTTGCTAGCAAAGAAAGAAAAAATATGACAGCTTATTTATATAG
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>SEQUENCE:5818:prostate_MPM2000-004P4Novel007_8Table3

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GTTTCTCCAACGAAAAGATAGTGAAGGAATTAATCTTTTGTCTCCCATGGTTAAAAAA
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TGGCGTTACCCAACCTAATCGCCTTGACGACATCCCCCTTTGCCAGCTGGCGTAATAG
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TTTAACC

>SEQUENCE:5819:prostate_MPM2000-004P4Novel007_8Table3

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ACTGCAACCTTTGCCTCCCAGGTTCAAGCAATTCTCTGCCTCAGCTGCCCGAGTAGCTAG
ATTTACAGGTGCCTGCCACCACACCCAGCTAATTTTTGTATTTTGTAAAGACGGGGTT
TCACCATCTTGCCAGGCTGGTCTTGAACCTCTGACCTTTTCATCCATCCACCTAAACCT
CTAAAAGTGCTGGGATTACAGGCGTGAACCAACCGTGTGTGGCTGGAACCTCTCTTTTTAA
AATCATCAGATTTTATGAGGCTTATTCATCATCACGAGAACAGCATGATAAAGAAGTGCC
CCCATGATTCAATTACCTCCCACTGGGTCCCTCCTACAACATGTGGGAATTCAAGATGAG
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>SEQUENCE:5820:prostate_MPM2000-004P4Novel007_8Table3

CACTATAGGGGCGAATTGGNAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTT
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TCTCACTCTATTGCCAGGTTGGAGTACAGGGGCGCAATCTCGGCTCACCGCAACCTCCG
CTTCCACCTCCTGGGTTCAAGTGATTCTCCTGCCTCAGCCTCCCTAGTAGCTGGGATTA
CAGGCACATGCCACCATGCCAGCTAATTTTGTATTTTACTAAAGATAAGGTTTCACCA

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TGTTGGCCAGGCTGGTCTTGAACCTCCTGACCTCAAGTGATCCACCCACCTCAGCCTCCCA
AAGTGCTGGGATTAGAGGCGTGAGTCACTGCACCCAGCATAATCCTCTTTCTTAAACATA
ATTATTTTTATTTATTTGGATTTTTCTATTTACTTTACTTTACTCTTTATGATCTTTAA
TATTGGAGTTACATTCAACATGACTTTATGCATTAATAATTATTTTCATTGTCAATCAAA
TATTAATAACCATGTAAGCAGAGTTTCGTCTTAGGTTTTGA

>SEQUENCE:5821:prostate_MPM2000-004P4Novel007_8Table3

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTT
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TGGTTTGCTGATTATAGCAGTGACATAGTTGCATTCTAGAGACCTTAGAAAATGCAGAAA
ATTTCAAGAAAAACATTTAAATTGTGCTCATAGTGAACTGAGAGGTGACCACTCTTAAT
ATTTGTGGCATAAGCATTCCAGTCTTTATCTTTCTCAAAGTTTCACATAAACTTTCTC
AAAGGCCATTAAATACTTTTCCATAGCCTGATTTTTGTGACCACATAGTATCCTATTAT
ATTGATAATACCATAATTTACCTAACCCATTTTTATATATTTGGATTTTTTCCAATTCAT
CATTATTATGAATAATGGTGTATCTCAGTGGTTATTACTTTGCACTGCATTTCTTATGAA
AGTATTGAGTAAAGGAAGTAAAGCCCTCTCAGAGTGTTTTGTAGGCTGTCACATTTTAC
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>SEQUENCE:5822:prostate_MPM2000-004P4Novel007_8Table3

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AATTTAGAAAGATATTTGTACTAGAATACTTGTGAGGAAGTCTGTGGATTTTATTAGTA
TGGAATTGTTTATAAAGACACACTCTGAATTTTTGTGGTCAAGTAGGGTTGTAGAATC
TTTGATAGCCAGCATGTTAAATGTAAATGTTCTAGAAAAATAATCTTTCACTTTCCCT
GTGAAAAGACCCCGCAAAAAGTTTTTGAGGGGTGTGTTAAATATATAAATTTGAAAGA
CGTAAACAAAATAGTTAACTATCTACTTATGATATTTAATAGTTTGGCCAGGCATGGCAA
CTCATGCCCTGTGTAATCCCAGCGTATTGGGCGGCTGAGGTAGGAGGATTGTGTGAGCCC
AGGCGTTTGAGACTGCAGTGAGCTATGGATCCTGCCTGGATGACAGGGCAAGACCCCAAG
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>SEQUENCE:5823:prostate_MPM2000-004P4Novel007_8Table3

CGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTT
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TTTTTTTTTTGGGGTTTTACCAGTTTTATTTCTAGACTTTTCATGTTTGTCTTTTGTCT
TCTGCTGGAAACATGCCGTTACATGTTGGTGTCTGGGAAACCCCCCGGTGCAACCAGAAA
TGCACAGACCCAGCCGCCCGCCGCCCAAAACCTTAACTTGCAGGTTACAGGACAAACTC
CGCTGTGCCCGTGCACCTTGCACCAACCTTTGGCCCTTTTGATACACACAACATCCAGGA
CTTGTGCCCTTGCCCATCAGACAGACAAAGCGTCCCTCAAGGCCCGCGCTTAATTTAA
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>SEQUENCE:5824:prostate_MPM2000-004P4Novel007_8Table3

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AACATTTCAAACAGAAGTTAAATCATTAAATAGTACTTTTTATTTAAATGTTTATAAGG
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>SEQUENCE:5837:prostate_MPM2000-004P4Novel007_8Table3

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TGTATTGTGAGCTGTGCTATGAGAAAT

Table 7
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>SEQUENCE:11:prostate_MPM2000-004P4Novel007_8Table4
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CAGTAGAAGCAGTTTAGATTTGACTGCATGGTAAATGAAAAGTAATAACCCCTCCAGCC
ACAACCTAGTCAGGGTATTAATAATTATATGTAGCAAGAAAACAAAGAAGAAAATAATAT
CGAAAAAATGGAGATTCCCCAACCAAGTTTCATATTTGAAGGATCTGAGTTGTATTTTTAT
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AGGACTCTGAATGGAAAAGAAGTTTGATCACTGACACCTAGGGCTCTGAAGCGTGTGTGG
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>SEQUENCE:12:prostate_MPM2000-004P4Novel007_8Table4
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CAACCTCTCCCTCCCGGGTTCAAGTGATTCTCGTGCCTCAGCCTCTTGAGTAGCTGGGAT
TACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTAGTAGAGATGGGGTTTCA
CCATGTTGGCCAGGCTGATCTCAAACCTCCTGACCTCATGTGGTCCACCCACCTTGGCCTC
CCAAAGTGCTGGGATTACAGGCGTGAGCCACCACGCTCAGCCTACAAGCAATTTTTTAAA
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>SEQUENCE:13:prostate_MPM2000-004P4Novel007_8Table4
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TGTCAGGTGATTTTGAAGACTCAGCACATCTCATGCAACCAGTCCACAATAAGCCTGTAT
GAAACAAGGACCTAGGTATAATAATACATCATATCCATGGTCACTCAGCTCCTCGACATT
TCCACACCCAGACCCAAAGTTTT
>SEQUENCE:14:prostate_MPM2000-004P4Novel007_8Table4
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GTCCATTAGGATATGGGTTTGCTATTGGGAACATGGCAGCCTTTGATATGAATGACCCT
GAAGCAGTAGTATCCCGAGGTGGTGTGCGGTTTGACATCAACTGTGGTGTCCGCTTGCTA
AGAACCAATTTAGATGAAAGTGATGTCCAGCCTGTGAAGGAGCAACTGCCCAAGCTATG
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TTGGAGGAGGCCTTGGAGATGGGGGTGGACTGGTCTTAAGAGAAGGGTATGCCTGGGCT
GAAGACAAGGAGCACTGCGAGGAGTACCTCGGCCGCTCTAAACTAGTGGATCCCCCGGG
CTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAAGGGGGGGCCCGGTACC
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>SEQUENCE:15:prostate_MPM2000-004P4Novel007_8Table4
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TGTTGACTCTGAGATGCTGACCCCAAGCTGGCTGCCATAGGAGTTGATTCCCATCATGCC
ACTGTGCGCTGGGGAGCTAGAGAGGGCTGGAAGCTGGCTGGGATTCTGGGGACGCTGTA
GAGAGCTTCAGCAATGTCTGCGGCTCGCTTCAAATGATGTCCTGGTTATTGTGTGGTGT
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CTCAGGATCTCCAGGATGCCTAGGATGACCTTCTGCAGTCTCTGGAAGCCATAGTCTAT
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>SEQUENCE:16:prostate_MPM2000-004P4Novel007_8Table4
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TAAATGAAAAGTAATAACCCCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGT
AGCAAGAAAAACAAAGAAGAAAATAATATTGAAAAAATGGAGATTCCCCAACCAAGTTTCAT
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CAAAATGTTAACATTAAAATCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCAC
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>SEQUENCE:17:prostate_MPM2000-004P4Novel007_8Table4

Table 7
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CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACG
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GAGTAGCTGGGATTACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTAGTAG
AGATGGGGTTTCACCATGTTGGCCAGGCTGATCTCAAACCTCCTGACCTTATGTGGTCCAC
CCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAA
GCAATTTTTTAAAACTGACACCTATTACTGATAAAATTCTCTGTTTAAATCCTATTTA
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>SEQUENCE:18:prostate_MPM2000-004P4Novel007_8Table4

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AGAAGTGGGGAGCAGAGAGGAAGATGGAGTGGAAAGGGGCGAGGCAAGGCCCTCCTGAA
A

TACCTCAACCCAAATCTTCAAGAAATCCCCAAGTCCTCACAGTGCTTTTTGTGGATTTTT
GTGGAACCGGTAAAAGGGGCTGATTTGCTGACCCAGTGGGTAGAAAACAGAGACTGTC
AAGAGAACAGAAAGAGGAGGCAGAAAGGGGATGGGGAAGTGGGGTTCGCCATGTTACAGAG
CTCCTGGAGCCACAGGGCCCCCAGGAACAACAGAGCTGAGACTGGGTGGCCTTGTCTTCT
GGCCCAATTCCTGGGACCACCACCCTGGAAGGACAACCTTGAGCCCTACTCAAGGACCCA
CCACAACATCTCAGCATTGTCGGTCCTTAAATGCCAAGGTCTGTGCTCACCATTTCCATC
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TTTCTGACACTG

>SEQUENCE:19:prostate_MPM2000-004P4Novel007_8Table4

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GGAGACTTAGGCAGGAGGATTGCTTGATCCTAGGAATTCGAGGCTGCAGTGAGCTATGAT
TGCACCTCTGCACCCAAGCCTGGGCGACACAGCGAGACCCTCTCTCTTAAAAAAAAAAAT
AGCAGAGCTCACCAAAGTGATGTTACCTTTTTATGACATTCCTTTTTCTTAGCTTAAGA
AAAGAAAGCTGCTAGATGAGAGTCTTAGTTTTCTGCATAAGACCTCCTTTATGAATAGA
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>SEQUENCE:20:prostate_MPM2000-004P4Novel007_8Table4

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G

CTGAACTCAGACGGAAGAAAAAGGATTCTTGGAGAATCCCAGCAGGTTTCTGATTGGAC
ATGGGTCCATGTCCTTGCGAAGTCTCCTCCTCTGAACCTGCCCTGCTCTGAGACTGGCT
TTTGACCACCAGCATGCTGCAGACGTGATGCCGTGTGACTTCTGAGCGGGTCATAAGAAG
CCTTGACAGTGTGGCCTGTGTCTTACGAATGCTTGCATGAGGAAAACCACTGTCATGTAA
GAAGTATGGCTACCCTGAGACTGTCATGGTGTGAGGACTCCTAAATGAGTCACATGTGGA
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>SEQUENCE:22:prostate_MPM2000-004P4Novel007_8Table4

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TT
TT
AAAAAATTTTTTTATTTAAAAAATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
TTTTTTTTTTTTTTTTAAAAAGGCCCGGCCCAAAAACACCAGGGAAAAATAAAAAAAACCCC
CCCCACAAAAA

>SEQUENCE:23:prostate_MPM2000-004P4Novel007_8Table4

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AATGAATGTTAGTGAGTAATTGTTTGAATAATGCCTCATCCAGTGTTAGGTCAGTAGC
TCCACAGTCTACACAGTCCAGAATTTCTTCTAATTGTCCCAAAGGGGGACATTGTGGA
GGCAGGGTTAGGGGGAACCACTTCAAGTGGTTAGGGACAGATAAATAATAGGCAGTATAG
CACATGAAAGAAAACACACACTTGGAAGCCAGGAGACTTGTGTCCTAGTCAAACTCTGG

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CATTATGTGACCTTGGACAGGTCATCTAACTACTCTGAAATTTATCATCAGTCAAATAAG
ATTTTATTCTGTTTTGTTTTGTTTGAGATGGGGATTTGCTCTTGTTGTCCAGGCCGAAC
GCAATGTTGTGGTCTCGGCTGACTGCAACCTCCACCTCCCAGATTCAAGCGATTCTCCTG
TC

>SEQUENCE:24:prostate_MPM2000-004P4Novel007_8Table4

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CAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTAATAATGTTAGGTTTCTTGAACC
CAGCATGTTTTTTCTCTCTTCTATCAGCAGAACACACGTTGTTCTTTACTTGGAAAC
GCCGCCTCTGACAGATGGTCACCTCACCATCACTCATTATCCTTCAAGTCTTCGATACA
ATTTCTTCCAAGAAAACCTTACCTGATTATTTGAGCTTGAGATAGCACTCTCTGGAAAGCC
CTAGAATTTTTATAGCTTGCAGTAATTGCTTACTGAAATCTCCAGTGGGCTGGAAAATTA
GGGAAGGGATTTTCATGTATCTATTGTTAATTTTTCATTACCACAGCTAGCAGAGAGGTT
ATATGTTTTGAAAAAATTTTATTGAGTAAATGAGAGGATGAATTTAAAACAACCTAAAC
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CAATAAGGTAA

>SEQUENCE:25:prostate_MPM2000-004P4Novel007_8Table4

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GGGAAGTGAGACATAAGCTTGTAGGAATAATAAACGTTCTACAATAAACGTTTTGGCTAT
CTTAAGCCATTGTATGGGGGGGATTAGGAAGTAGGAGGGATTGTCCTACAACAGGCCCTT
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>SEQUENCE:26:prostate_MPM2000-004P4Novel007_8Table4

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TAACCTTTATACTGGAAAAAAATC

>SEQUENCE:27:prostate_MPM2000-004P4Novel007_8Table4

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TACCTTAAGTAGGTATAACTCTTATGGGATATACAGTATAGTTTTGTGAATCTTTACAT
GATAGCATTATCTTTTTATAATTTTTTTTCTAAGATAAACAAATGCATAGTTTTCTTCT
ATGGGTGATAGAAACAGCTTTTTGAAGTAATGAAAACCTCAAAGATCATGTTGATTCTT
AATTTTTGCCTTTTGCATAAGCCTCTTTAATCATGTATCTTTAAAACAATTAAGTCCTT
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ATACATATATA

>SEQUENCE:28:prostate_MPM2000-004P4Novel007_8Table4

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GCCCTGGCAACTTCACACGACCTAACTGAACTCTCTCAAGCCATCCTTCAAAGGAAT
GAAATTGAGGTCTCTTGTTTTATGCTGAAGACTCTACGATGCCTGCAGAGTCAGGAACT
CTGGAATCTTAGGTGTCCTCCTTACATATCCATCTCCATCACCTTGGCTGAACATGCTG
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>SEQUENCE:29:prostate_MPM2000-004P4Novel007_8Table4

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TTTTTTTTTTTTTAATAATCACAGTAAGTTCATTGCTATTTGTCAAACTAGGAACGCT
CAAGAAGTTCTGTAGGTGAGTAGATTAAACAGCCGGCAGTAAATTCATAGAATAATATTC
AGTAATTATAACAAGAGCTATCAAACCATAAAAATACATAAATGAATTTAAATGCATA
TTGTTAAGTGAAAGAAACAAGTCTGAAAAAGCTACATAATATGTTATTTATTTGATATTC
TGGAGAAGTCCAAACACACAAGTGATTCTGTATTCGCGAGAAATTTAAGGAGATGATGA
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>SEQUENCE:30:prostate_MPM2000-004P4Novel007_8Table4

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ATAAAAATAAAAGATTTTATTATAGCAAAGTTCACAAATATCGTTTTAGTTCAGTTATCC

Table 7
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ACATTGTTTCATCTAAAATAATACATTTTCTTTACATATAACTGTCTTAGACTTGTAATTG
AGGATATTTGATGAAACAGATCTGTATCTGAAACAGCACTATGATGCTAAACATTTGCAT
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GAAACTACATCCAGATGAATGACTGAAT
>SEQUENCE:31:prostate_MPM2000-004P4Novel007_8Table4
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TAAATGAAAAAGTAATAACCCCTCCAACCACCAACCTAGTCAGGGTATTAATAATTATATGT
AGCAAGAAAACAAAGAAGAAAATAATATTGAAAAAATGGAGATTCCCCAACCAGTTTCAT
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CAAAATGTTAACATTAAAATCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCAC
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>SEQUENCE:32:prostate_MPM2000-004P4Novel007_8Table4
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CCACAACTTAAGTTCAACATCCCTGCTGACCAGCACTTGGAGTTCTGCTGAGTCCAAAG
GGCAGGGCCAACATTAGGGAGCCCAGCAGGAGGTGCTGTGCTGAGAAGACTTCTGGAGG
TGTTTTGTTGAACATATCTGCAGAGCCTTCCCAGACTCCTGCAATCCAACCCATATCAGG
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GGA
>SEQUENCE:33:prostate_MPM2000-004P4Novel007_8Table4
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GAAGGATCATTGAGATGAACAGTGTGGCAGAATTGAGAACTCTTGATGTTTCAGTGAGCT
TTAATTGGAGGAAAATCTGTCATTTCCAGGATCATTAAATTGTCACAGCCACAGAATGTTCTA
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TTCAAAAAAAAAAAGAAAGAAAGAAAGAAAGAAAGTATTTGGACACATTTCTCCCAATA
TGTCCAAATATCCAAAGCAATTATATCAAGGGTATTGGCTCCTTGGTTAAGAACTGGGCT
TTATTTTACACACTCCCTGAAATGACACAGCCAGAGATCAGGTAGGACCCAGAGAGAAC
AAAGTTACAAACCCTGTGTCCAAACAGCATCCTAAAATGAAATACTCCTGGATGGAACCC
TTGGAAAACCTCAGTGTGGACCATATTTCCAGTTACCCATAAAAACTTATCAAGTTGTGGT
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CAACAATTGTATTTCTCTATAGTTATTTTAAATAGTAATCAATGCTATGTATTTGATGT
ATATGTTTCTAAATTAGAAATTTCTTTGGCTTTGTGTTTTTTAATGTGCGTTAAATAT
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CTCAAATATCTGAA
>SEQUENCE:36:prostate_MPM2000-004P4Novel007_8Table4
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CAAAACAGGGCTCAGGCCTAGAAAAATCTAGTTTTCTGAAATCGCTAGCCAGCAACAGCA
CTGAGATGGCCATCCCAGAAACAAGGCCAACACAGAAGCACCCATAAAGGCTGCTGGAGG
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TCACCCAGCCTGGCCTGCCTTCTCCACAGGGTAGCTGATCGTCAGCATCATCTTCAATGG

Table 7
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TGTTGTCAAGAGCACTCAGTGCTCCTGCCATCCCTGTCCATCTCCACATGAAAGGAGAGG
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CTGGCCGT

>SEQUENCE:37:prostate_MPM2000-004P4Novel007_8Table4

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TAAATTTAAATTTTTGAAATAAATCAGTCATATTTGAGTGAAATGAAACCTTTCCGAGTA
GTTTCAGACAATTGATAATACCTAGTTTACAGTTCCTGTAGTCATTTTGGAGGGTGAGGA
CTTGATGTGTTTAGTAAAGTTGAGAAATAAATACATGAAAGAATGTGTGGGGAAGAGAAA
GTGTGGGGAAGAGAAATTGTCTCAGAGGACCATTCTTAGTGGAAGTGGGGAATCTTGGC
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>SEQUENCE:39:prostate_MPM2000-004P4Novel007_8Table4

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TGATCCAGTTGAATTATTTGAAATTCAGTAAAGAATTAACATTTGACCAACTCCAGTT
GTTAAAGCTCACTCATGTGACTGCACTGAAATCTAAGGATCGGAAAGAATCTGTGGTTCA
GGAGGAAAATTCCTTTTCAGAAAATCAGCCATTTCTTCTCTTAAGATGGTTTTAGAGTC
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AATGT

>SEQUENCE:40:prostate_MPM2000-004P4Novel007_8Table4

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TTTACAAAAATTTAAAAATTTTCAATTTGTGCTTACTGTCTTTACTGAAATGTTAAATATT
TACTCATGAGTTGATTACTCTGTGCACGTGAGATTGTCTTTTGTAGTTATAAAGAAGGGA
TGCTTAGAAGTAGTATCAGTGTTCTTTCTTATTCTATCCCTCCCAAATCTCACACCAGA
AAATGCTGGAATTTTTTGAAGGAAATAGAGAAGAGTGGAATTAGGTTTAGGGATGGTAG
TCCTAGGAGGAGGGGAGTAATGGAAGTTATA

>SEQUENCE:41:prostate_MPM2000-004P4Novel007_8Table4

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ACCTACTTATTGATGCTTACAATTTGGCAATTATAAGGGGCAAAATTGGAGCAAGTGTTT
TGGGTAAATAACTCCTTACAATATATTAATAAATACTTACAAACAATTCTTAGAATCAAAC
ACTTACGTAATACTTTTTTAAAAAATAAGGTCCAAAAGACTCAGCCCAGATCGGCTTT
GAAGTTATATCAAGATTTAAGTCTACTTCATGCCAATGAGCTACTCCTCAACAGGGGCTG
GTTTTGCCATTTGAGGAATGACAGCCACTATGTTGTGTACCTGCCCGGGCGGCCGCTCTA
GAACTAGTGGATCCCCCGGGC

>SEQUENCE:42:prostate_MPM2000-004P4Novel007_8Table4

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TGCCAAAATCCTGTTTCCCCCTTGAGATCTTACAGAAAACAGCCACAGAATCCCAAGGC
ATCAGCACCAAGAGAGCCTGTAGAACTATCTGGTCTAAGCTCCTGAAGCCCAGAGATAA
GAATGACTTAACCCAAGCTGCACAGCCTCTTAACAGTCCACTGTTAACCCCAGAAACAGA
TGCATTTGAATCTGAAAGGAGACAGGAATCCTAATCCTACTGCTCAGGGACTTGCTGATT
TACTTTGCTGTCTATTAGCCTTTCTGTGACATGATTTTCTACCAAGCAAAGTCTTTTATT
CAAGTCTCCAGAGATTTCTATTTAAGCGTTTGCTATTTGGCCACTTAAAAAAGACAGA
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>SEQUENCE:43:prostate_MPM2000-004P4Novel007_8Table4

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AGGTCTTGGGCAAATTAACCTCTGGGTTTTAGTTTCTTATCAGGTAAATGATGCTAGT
AGGAGCTAAAGATTACTTTGAAGGTTCTGTGGGAATTAAGGTAACATGCTTAATATAATA
AGGGTTCAGTAAATGTTACCTATTGTTTGTGTTAATCAGATAAGCAGAATACATTCTAT
GTGACCTACCTTTCTTTATAGGTGAAATGTGGGAACGTTAGGAATTTCTTTACCACAAAG

Table 7
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TCCCTCTTCATATGCCAGTCACTAAGTTGTAGGAATTTAAAGGTGTTTTTGGGATAATTG
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>SEQUENCE:44:prostate_MPM2000-004P4Novel007_8Table4
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TATTTAGAAAACCTTGGTTATTAACCTTGGATTAATTACAGTAGACATACATAGGAGATGT
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ATAAACACCATCAAAGAAACAACGATTTAGGTTGGCACAATTCACACCTTGAGGAAAA
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>SEQUENCE:45:prostate_MPM2000-004P4Novel007_8Table4
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TTACAGAAAACAGCCACAGAATCCCAAGGCATCAGCACCAAGAGAGCCTGTAGAACTAT
CTGGTCTAAGCTCCTGAAGCCCAGAGATAAGAATGACTTAACCCAAGCTGCACAGCCTCT
TAACAGTCCACTGTAAACCCCAGAAACAGATGCATTTGAATCTGAAAGGAGACAGGAATC
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ACTCAGTCCAGTCAGTAGTTGACTCTCAAGATGGCGGATGTCAGTGAATGGCTGAGAAA
TAGGAACGGATGTGGAGAAAGGAGTGGCAGTGGAGTTAGCTGTTTTGTCTACCTGCTGGA
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>SEQUENCE:46:prostate_MPM2000-004P4Novel007_8Table4
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TGACTATATGAGGTATTGTTAGTCTGTTAGTCTTTCAAATTGACTTTTAAAAATACATAT
CTTTATGATTTTCATCATAAAGACTGGCAATATTATAACTAAAAATCTTACTATAATGAA
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CTTATAAAAAAGGCAGATAGTATATATATTTATATACATGTATGTATATGGTATATTAT
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TTGC
>SEQUENCE:47:prostate_MPM2000-004P4Novel007_8Table4
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AATTTGAACGTTGCGGCTTAAATTCAGTTAAGAGAATTAAAAAGCAAGTCATAAATGCC
ACATTTTTCCTCAATAAAAAAGTTTGAAGTACTGTGTTTATCTGTTGTCTTGAGTAACCTA
TTCATGAAGCTCTCCTATTCTTCCCCAAGACCATTTCAAGAAAGAAAATACAGGTTGGT
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>SEQUENCE:48:prostate_MPM2000-004P4Novel007_8Table4
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GGGCTCTGAAAATGTCTTACTTCCCTCACAGACAAAGCAATTCTCAAGCCTCCTGAGATC
ACCCACCAACCAGAGCAACTGCTGTCACTTGGAGGTGCAGCTGAATCTTCTAATTGTGA
CACAACTCTTGAACTGTAAATGCTGAAAGATTAAATGAGGTTATAACACTCAGAAGGT
TTTACAAGTAAAAGTAAATCAATAGGTCTTTATTTTCATATCTGTAATGGTTAGC
TCTGCGGGAAGTGTAGCAGCTATATGAATTAGGAAGAATTTAGAAGACAATCCCTAAAC
ACATGAAATGTCCAAGTAAGAAGATAACATATTTATCCAAATATTTAAAGTGAATGCTC
CAGATATGGGAAGCTTACAGTTTTCAAGCAAAGCTTTTTAGAAAAAATTATGGAACATT
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>SEQUENCE:49:prostate_MPM2000-004P4Novel007_8Table4

Table 7
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AGAAATATTAATGGGTGTGATTTATTAATTCCTGAGGGCTATTAGCCCATCAATAGACTA
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GGT

>SEQUENCE:50:prostate_MPM2000-004P4Novel007_8Table4

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ATGATAAAAAATACTTCTCTTTTTCTCCCTGTTTCCCTTTTTCCCTTGGCCACAGCCAAA
TGCTAATTGCTGCTTTAATTACAGAGATGTGTAAATGTATTCAGATTACAACTCTACAG
GAATACATCAACATTTAACTCTTTGCGTTTTACTGTTAACTGTTTTAAATGCAAGT
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AAAAGTTATTAG

>SEQUENCE:51:prostate_MPM2000-004P4Novel007_8Table4

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GAGGGTGGGAGAAAGCAGATCTAGACAGCATTCTGGAATTGTTGCTTTGCCATTATTTGC
CCAGAAAACATTTATGGCAAGGAAGCCTGAAAACATGGCAATGGTTGTAAGATGGGTTGC
GATACAACTGGTGATGTGAGAAGTGAATATGAACTGACTCCTTTAGGGAGGACATTGGT
TTATAGTAAACAGGTTTGCCTCATCAGAAATGAATATGGATATTGCTACACAATAAAAAAG
AGGAAAAACACCAACAACAGTAACAATGGTAATCACAATAATGATAATGACTCTGTAGGT
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>SEQUENCE:52:prostate_MPM2000-004P4Novel007_8Table4

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GTCACGACTTCCAGAAACCTTCCGGATTGGAGTCCAGTCCCTTGCCTTTGTTTGGTCGTT
GTCCTCTTTCCAGGCAGGAGAGTGTACCTCCGCGTTTTCTCCCTTGTTAGTCCGAATC
CATCTATTGAGGGTGCCGGTGGAGTCTGCAGTGTGTTCTTTCTGAGCAGATTACTTTC
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GTCTAAAAT

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CAGCTTATGATGATACAGAAAATGACCTAAAAGGAGCAGCTATTATCTCAAAAGGAA
TGCTCCACGAAGAAAAGCCTGGAGAGCAGATTTTGAAGGTGGCTCAGAGAGTGAATCTG
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GTGCACCACTCATGGGAGATGACCACCCTAACGCATCCAGAGACAGTGTGGAGGGAGACG
CTTTGGTAAATGGGGCCAACTGCACACGCTTTCAGTGGAGCATCAACGCGAGGAATTGA
AAGAGGAATTAGTTCTTAAACTCAAACCAACCTAGATTCTCCTCTCCAGATGAGATTG
ATTTGCCAGAGAACTGGAAGACGAGGTTCCATTCTGGGAAGAAATCTTCCCTGGCAAC
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>SEQUENCE:54:prostate_MPM2000-004P4Novel007_8Table4

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AGACTCTATTAATAACTTCCCTAATTGAATGACTGCTGCATTCTCTTCCCAACCATC
ACGAAAATGCTTGCTGGAGAAAATTGATTATAACAGGGGAGGAAACAGAACATCATG
GTTAAAGATAAACTGCAAGCTTTTCATATTCACAAAACAACACAATCCTGGATTGAAAG
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AAG

>SEQUENCE:55:prostate_MPM2000-004P4Novel007_8Table4

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GAATTGCTTTGGATTGTAAATATGTTTACTTCAGAGGAAATCAGTCAGAGTGGATGGCTC
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TTTCTCTAAGTTAACTGGCCTACGTGTGAATCGAACCCCTGCACCCTGGCCTCATTAGCAC
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>SEQUENCE:56:prostate_MPM2000-004P4Novel007_8Table4

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ATCTCCCCTCTACCATTTCCACCCTGCATGTGAATCTCACTTCTAGAGGCAGCTGCCTCG
CGTTCAGCTTACGACACCTTCAGAAGCTTTGCTAATAAATGCATATCGAAAAAGCGTTCT
GCCCATGGGGACCAATTTCTTTTCCATCACCCGTGACTTCTCAACATGAAATTAAGGC
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>SEQUENCE:57:prostate_MPM2000-004P4Novel007_8Table4

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TGGAGCAGCTTGAGAATGCTGACCACCTTTCAATTGTGTCTCTGTAGCAACATTCTTTGG
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>SEQUENCE:58:prostate_MPM2000-004P4Novel007_8Table4

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ATATAAGCCCGGAGAATGAACATAAATGTGAGGGGAAGAGGCCAGAGGCCAACACTGGAA
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>SEQUENCE:59:prostate_MPM2000-004P4Novel007_8Table4

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CCTAAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTGAGAATAGAGCA
CAGTCCCATTGTTTGAAGAGACACCAGGTAGCCATGTTTATGTGCCAGAAATGCATT
CCACCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGCAAGATC
TTTCTCAGGACAACTCTGCCATGCAGCTAAAAGCCTGGAACTAAAGGATTTTCTGTAG
TAACTATCTTCCAACCCCTGTAGGCATCAGACCACAGGATGAGGTTTTCAGAAGGTCATA
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>SEQUENCE:60:prostate_MPM2000-004P4Novel007_8Table4

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GAGGGTAGGCTTTCTTTTCAGAAATACATCTGGATCAGAAAGTCTATATCAGTGGGATTT
TCTGAATGACCCAGGTTTTTTTTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGA
TCTGTGCTTTGGAGCTAGAAGGATATATAAATGAGAAAAGTGAAGCAAAAGAGAGACA
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Table 7
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TTATT
>SEQUENCE:61:prostate_MPM2000-004P4Novel007_8Table4
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TCAAGAATTTTTGCTGCAGAGCGTGTGGTAAACTCATTTTAAGTGGTGTAGGAGTCATG
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TATTCTTGATCATTCTCTCCTTGAGTAGTGTGTTATGGTCATGTTGTCTTAGCTGCAAT
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GCAATGCCTTACTTTGCTGTCTCTGCCTCGCTATTTCTATTTATTCTACAAAGCTCACC
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>SEQUENCE:62:prostate_MPM2000-004P4Novel007_8Table4
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GAGCCAACTTACTAGAGCCGCTACAATAATCATGATAGACAGTCCAGAATCTCCCTGGA
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>SEQUENCE:63:prostate_MPM2000-004P4Novel007_8Table4
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GCCCCAGGGTTTTTGGGGTTTTTAAAAAATCTTTTTTTGTTGGGGGGGAGGGTTTTGG
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>SEQUENCE:64:prostate_MPM2000-004P4Novel007_8Table4
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TTACAACCATATCAGTACGGGTTTGGTCCACATGAGCCAACCTGAAGTCATTTTCTCAAG
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>SEQUENCE:66:prostate_MPM2000-004P4Novel007_8Table4
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ACCATATAATTGAGACAGAGAAACATTTTGGAGAATTAGAAGCTCACACTATTTATGGCA
TAGGTTATATAATTATGATAATTTATGATTACTTTCTTGACAAAAACAGCTACAACCAT
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>SEQUENCE:67:prostate_MPM2000-004P4Novel007_8Table4

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GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA
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TTCTAAGTAATTAATTTGTATTTTACTTGCTTATATTAGAAATGCTTATTACCAATGA
GAAACAGAAAATGCCACATAAGTGAACATTTAAATGTTACAAAAATTTATAATATATGTA
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>SEQUENCE:68:prostate_MPM2000-004P4Novel007_8Table4

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TACAAAGCAACTGTTCAAGTGTGCTAAAAACAGGTGTCTTCTCCCTTTTCAGAGCTCCCC
TAGTCATTTGCAATATATTTTGCCTACTTCTCTAAAAATCAAATAGGTCCTAATAAGTA
AGATACAGGTCTTCAATCCCAACAGCAACTAAGGGATTTTCTGAATAAAAAAACA
AACAAAAACAACAAAAAATCTGCTGCCAGTTTGCAGACAGAGTGCCGTGTTTCAACCCAA
CCTATGGAGGCTAAATCACAGTCAAAAACAACTGCGTGACTGGGAATTATAGTAAGAGG
AGTTAAAAACAAGGGCAGGTGCAGTGGCTCAGCTCGTAATCCCAGCACTTTGGGAGGCC
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>SEQUENCE:69:prostate_MPM2000-004P4Novel007_8Table4

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AGTGATACATTTGCTTCTTATTTATGCATGCTTAGATCATGAACATGATGCCCTTCTTT
TTTTTTTTCTTTGGTCAAGTAGGGATTAATGCCATAGGTTTAGAGAGAAGGATTGTTTT
CAGTTTTTAAGAGAATTTTTTAAAAATACATTTTATGGTTCTCTTAAGGAATTAATATTC
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CATTTTTAATCCCCAGAAGA

>SEQUENCE:70:prostate_MPM2000-004P4Novel007_8Table4

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CCCAGTCCCTTATGTTAAGGACTGACTGATTCCTCTGACAGAATTCAGACCAAGTCATTA
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TTTTTAAAAAAGCATGAACAATATTCATTATCCCATTAACCTTATTATTAGGTGAGT
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>SEQUENCE:71:prostate_MPM2000-004P4Novel007_8Table4

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GCCACAGAATCCCAAGGCATCAGCACCGAGAGAGCCTGTAGAACTATCTGGTCTAAGCT
CCTGAAGCCCAGAGATAAGAATGACTTAACCCAAGCTGCACAGCCTCTTAACAGTCCACT
GTAAACCCAGAAACAGATGCATTTGAATCTGAAAGGAGACAGGAATCCTAATCCTACTG
CTCAGGGACTTGCTGATTTACTTTGCTGTCTATTAGCCTTTCTGTGACATGATTTTCTAC
CAAGCAAAGTCTTTTATTCAAGTCTCCAGAGATTTCTATTAAAGCGTTTGCTATTTGG
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>SEQUENCE:72:prostate_MPM2000-004P4Novel007_8Table4

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TGATGTTCAAGAACTTCTGGAATTAGGACAGAAACAAAGAGAAGAAATGAAGTCTCTTCA
GGAGGCCCTGCAAAATCAGCTTAAGGAGACATCAGAGAAAGCAGAAAAACACCAGGCTAC
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TGAGAATAAAAACTTGAACAACTCTTGTGAGGAAACAAGCTCTGTGGCATTACACGC
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Table 7
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>SEQUENCE:73:prostate_MPM2000-004P4Novel007_8Table4
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AAATTTCTTTTGGCTTTGTGTTTTTTTTATGTGCGTTAAATATGTAAACTGAACCTGTTT
CTAAAATGCATTAAACTTAAATGCTGTGTCTATCCAATGCCAAAATGCTCAGAAGAAAAG
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TGTAAGAAAATGTATTATTTTAGATGAACAATGTGGATAACTGAACTAAAACGATATTT
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>SEQUENCE:74:prostate_MPM2000-004P4Novel007_8Table4
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>SEQUENCE:76:prostate_MPM2000-004P4Novel007_8Table4
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Table 7
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Table 7
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TTGCATGCTTTAGAAACAGTATTTCCATCAAGCTTGTGGTCTAAAAAGAATATGAAGACA
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Table 7
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Table 7
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>SEQUENCE:109:prostate_MPM2000-004P4Novel007_8Table4

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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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>SEQUENCE:179:prostate_MPM2000-004P4Novel007_8Table4
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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TGCAGAATTCGCCCTTAGCGTGGTGCAGGCCGAGGTACTTATATATGTAATGCTATCTC
TGAGTTGTTATAAGATAAATTTTAAATTTAAAAAAGTATTGATTATTCTATTTCAATTAG
AACAAATCTTGATTGTTAAGTTATCCAGATGTGTTACTTACTCTTGATATAAGAATATT
TAAAAGGCTCATTTAAACAATTTTTTAAATAACCTGAGTTTTCTCTACAGTTTTTCATCA
AGCACATGAGTGCAGAGTTTGCAGACTGAGCAAGTTTGTAGGAATGAAGATTGTAGTTTC
TCACCTGTTAATTTCAATCTGTAGTATGCCACACAAGCAGGAACAAGTTAAAGCAGAATT
CCTATGAATTCAAAATTAGGATACAT

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>SEQUENCE:222:prostate_MPM2000-004P4Novel007_8Table4
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TGCAGAAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACGCGGGGAGACAGAGATGGAGAC
GGAAAGACAAGGACAAGAAGATGGAATCTGAGCTAATGGCGGAGACATGGAACCACTAGA
GAAGAGACCCACTGTCTTCAGAGAGTGTGACCAGGAAGAGGAGAAGCCTTGGGGACTGG
ATCAGGTGTCTGTCCCTAGGTCCCCATTCCCTGACTCTTCTCCTGCCACCCTGATCTGGGT
GTAGCATCATATTACATGCTGTGATTGCCATTCCAGCCCCATACTGTGGGAGGCTGGGGA
GTGTGAGAAGCTTTCCCAACCCTGGCAGGTACATACACAATCACTCAACTG
>SEQUENCE:223:prostate_MPM2000-004P4Novel007_8Table4
GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA
ATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTCCTCATGATCATCTACACAACATTC
TGTGACACGTTCTCTAACCCTAATATTGACCTGGATAAATTCAGCCTTGTCTCATACTG
TTCATAATATTTTCTATCCAGCTGAGTTTTATGCTTTTAACTTTTATCTTTTCAACAAGG
AATAATTCGGGTTTTCACACCAGCAGACACAGTGGCTATCATTTTCTGTTCTACACACAAA
TCCCTTACATTGGGAATTCCGATGCTGAGGATCGTGTTTGCAGGCCATGAGCATCTCTCT
TTAATATCTGTACCTCGGCCGCGACCACGCTAAGGGCGAATTCCAGCACACTGGCGGCCG
TTACTAGTGGATCCGAGCTCGGTACCAAGCTTGGCG
>SEQUENCE:224:prostate_MPM2000-004P4Novel007_8Table4
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AGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACCTTTCCAACCTCAACAGACATCAT
CGAGAGCTGGATGACGGTGCAAAACCTGTGGATTTATTTAGAAGCTGTCTTTGTGGGAGG
AGACATTGCCAAGCAGCTTGCCCAAGGGAAGCCAAGCGGTTTTCTAACATAGATAAATC
TTGGGTGAAGATCATGACTCGGGCACATGAAGTGCCAGTGTAGTCCAGTGTCTGTGTTGG
AGATGAGACCCTGGGGCAGCTGTTACCACACTTGCTGGACCAGTTGGAAATATGCCAGAA
ATCCCTTACTGGTTTAGTTCACTGGCTCTTTGATAGCTCTCGGTATCCTTGAGACAAAAG
GATACAGGGGAGACTAGATAGCATT
>SEQUENCE:225:prostate_MPM2000-004P4Novel007_8Table4
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GTGATGGATATCTGCAGAAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTGAAGAGT
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ATAGAACTAGATTCTCAACTATACTGAAGCTTCCATTATCCAGAATGTCACTGCATATA
CTTGGTGAATTATAAAGTCAAACAAGAAATCTTCTAACTTTGTCCTTTCTTGTCAAAAA
TCCTCTCATTAAATATGCTTTCAATGTGCAAAGTAAACAACGTTGCATTGATTGCGTTTT
TCAAGGGTCTAAATATTCAGTATTAACCTTAGTCCTGAATATT
>SEQUENCE:227:prostate_MPM2000-004P4Novel007_8Table4
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CAGAAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTACCTCAGCTGGGAGAAATGTT
GGAAATGGTTTAAACACATTATCAGATTATCTTGGAGGCATAGTCAAGTTCCTAGATCT
TCATCAATGGTACACCAAGGTGGTGCAATACCGGAAGTGGATCAAGGACACCATCGTGGC
CAACCCCTGAGCACCCCTATCAACTCCCTATTGTAGTAACTTGGAACCTTGGAATGAC
CAGGCCAAGACTCAAGCCTTCCCAGTTCTACTGACCTTTGTCCTTAAGGTGTGAGGTCCA
GGGTTGCTAGGAAAAGAAATCAGC
>SEQUENCE:229:prostate_MPM2000-004P4Novel007_8Table4
CGCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGT
ACAGCCACTTACTCTTAAAGAGACTGCTGAAAGTTTTGGAAGCCACCAAAAGAAGAAAT
GGGAAATGAACACATCAGTGTCCACCCTGAAAACCTCAGACTGTATCCAAGCAGATGTTAA
CTCTGATGATTACAAGGGTGATAAAGTATACCATCCAGAAACAGGAAGGAAAAACGAGAA
AGAGAAGTTGGAAGGAAGGGCAAGCATCTGTTGACTGTTGATCAGAAACGTGGAGAGCA
TGTTGTCTGTGGCAGCACACGTAATAATGAGTCAGAGAGCACTTTGGATTTAGAAGGCTT
CCAAAATCCCACAGCTAAAGAGTGTGAGGGACTTGCCACTTTAGATAACAAGGCTGATCT
TGATGGAGAAAGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCA
GGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCT
TTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGT
>SEQUENCE:230:prostate_MPM2000-004P4Novel007_8Table4
GACTCGCTATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGC
CGCCAGTGTGATGGATATCTGCAGAAATTCGCCCTTTTCGCGGCCGCCCGGGCAGGTACCT

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GGGGTCTCAGGGTTGCTCTGGGCCTGATCATCCACTCAGATCTGTAAGGAGGATTTGCAG
GATCCATTTAGAAAGATCCTCCCTTACTTCCACAAGCATGGCCTTTGGCTCTTAAATACC
TGTGCTGGGGTTTTGTAATTATAGAAACAACAGGAACCAAACTCATTAAATGTTGAGCTA
CAAACCAGAGGGAAGCTTCTTTCTCAAAACAGGGCTCAGGCCTAGAAAAATCTAGTTTTCT
TGAAATCGCTAGCCAGCAACAGCACTGAGATGGCCATCCCAGAAACAAGGCCAACACAGA
AGCACCCATAAAGGCCGCTGGAGGTTGGGACAAAGAGATCCTTGCTGTCCTTACAGACCC
CCTGACTTCCAAGGAGCTCCCTCTCACCCAGCCTGGCCTGCCTTCTCCACAGGGTAGCT
GATCGTCAGCATCATCTTCAATG

>SEQUENCE:231:prostate_MPM2000-004P4Novel007_8Table4

TATAGGGCGAATTGTGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC
TGCAGAATTCGCCCTTTGAGCGGCCGCCGCCGGGCAGGTACTTTTTAGTGATGTGGCAGAA
ATCCCTGTTGATTCTAAGTTTTAGAGTGTCTTTCCCTATTTCTGACCTACAACTATAA
ACTACTCTCTATTAGGAGAACTAGACCCTTTCTTCATTCTTTCTAAACTGCTGCAGAT
TGCCGTGAACTCTATCAATAGTCTCTTTCCGCAGGCAAAGTGGCATTCTTAAACATGT
TTGCTTACTGCCAGGCTGTTTTGAAATCTATGATTTACTGCAGTAGGTATGGTGCTTAAA
ACAACTGTCCGAGGGTCTTTTAA

>SEQUENCE:232:prostate_MPM2000-004P4Novel007_8Table4

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG
ATGGATATCTGCAGAATTCGCCCTTAGCGTGGTTCGCGGCCGAGGTACCTATCGTGGGAAG
TTGACAGCTGATATCAACTGGGCAGTGAATGGAATCTCAAAAGGAATCATTAAAGCAGTTT
CTTGGCTATGTTCCCATCGTGGTGAAATCCAAGCTTTGCAACTTACGTAACCTTCCCCCA
CAAGCCCTCATTGAGCACCATGAGGAGGCAGAGGAAATGGGGGGCTAGTTTATAATCAAT
GGCATTGAAAAAGTCATCCGAATGTTGATTATGCCTCGGAGAAATTTTCCATTGCAATG
ATAAGACCAAAATGGAAGAACAGAGGGCCTGGTTATACTCAGTACGGAGTTTCAATGCAC
TGTGTGAGGGAAGAACATTCCGCTG

>SEQUENCE:233:prostate_MPM2000-004P4Novel007_8Table4

CTATACGGCGAATTGGATCTCCACCGCGGTGGCGGCCGCCAGGTACAGTGAAAAG
AGCCAAGGCTGTGTGACCCCTCATCACTTAGCCAGGCGTATGGTCCTGGTTTTCTGAGGC
TGCCAGAAAGCATCTTAGCAATTTGTGTTTGATGGTCCATGCCTGACTATTCTAGGCTG
GAGGTTCTAAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTGAGAAT
AGAGCACAGTCCCATTGTTTGAAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAA
TGCATTCCACCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGC
AAGATCTTTCTCAGGACAACTCTGCCATGCAGCTAAAAGTCTGGAAACTAAAGGATTTT
ATGTAGTAACTATCTTCAACCCCTGTAGGCATCAG

>SEQUENCE:234:prostate_MPM2000-004P4Novel007_8Table4

TATAGGGCGAATTGGGCCCTTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCT
GCAGAATTCGCCCTTAGCGTGGTTCGCGGCCGAGGTACTTTTTAAGTTATATAAAGATTTTT
AGCTTCATAACACCTTTTGTGGACAATTTAATGTGGGACAGCTTTTGTGGGACAATTAA
TTTAATAAAATTTAATTCCTTATCCAACCTTTAATGTATGACATTTCAAATTTCAAATT
TAGTAAGGCCTACGACATGCCACACTTGCTTTTCTTCAGGTTATTTACTTGGCATTATT
TCCCTTGCAACTTGGCTATACGAGCAAATCCATACTAAAGTTGCTAATATGCTTTCTTAA
AAGCTTAGTCAACTCTAAAACATGCATTGGCGACACACATAATTCCCTTGATGAGTTATA
GACTACAAACACTGAGTGCACTTCTGTGCACAACACTGTAGGTTAAAGGAAAAAAG

>SEQUENCE:235:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:236:prostate_MPM2000-004P4Novel007_8Table4

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC
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TTAGATTGTTTTGTTTTATTATTGAATAGTAAGAATTGTTTATATATTCTGGATACACTC
TTTTTCAGATATGTGTGTTGTGACTATTCTTAGTCTTTAGCTTGCCTTTTCATTTTCTTA
ATTATGTCTTTCAAAGAACAAGTTTTTTCATTTTGACGAAGCCTAGTTTATCAATTTTTT
TATGGTTGGTGCTTTTTGTGTGTTCCAAGAAATCTTGCCTACTCATTTAATTACCTGTG
TGCCCTTGTCAAAATCATTTAATTTTGACTACTCACTTAATTACCTTGCCTACTCATTTA
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>SEQUENCE:237:prostate_MPM2000-004P4Novel007_8Table4

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ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATTTGTTGGGGG
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GGAACCAAGCTGGGAATTCCAACATGTAGAAGTTAAACACAAGAGGAGGAGCCAGCAAAG
GAAACAGAAACAGAGCTTCCAGCAGGTGGGGGGCATTGGAAGAAAACGATGCCATAGAA
GCCAAGATGAAATAGACATCAAGGAGAAGGAAGTAGTCAATTGTTTTGAATGCTATGAAG
AAAGATAAGAATAGGTAAATAGTCCTTATATTTGATAACAGAGGTCACTAGTGATCTTGA
TGAGGGGTTTCAATAGAATGGTGGGATTATATACCTTCCTGGATTCAACTGAGGTAAGGA
AGGC

>SEQUENCE:238:prostate_MPM2000-004P4Novel007_8Table4

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC
TGCAGAAATCGCCCTTAGCGTGGTCGCGGCCGAGGTACGCGGGGAGACAGAGATGGAGAC
GGAAAGACAAGGACAAGAAGATGGAATCTGAGCTAATGGCGGAGACATGGAACCACTAGA
GAAGAGACCCACTGTCTTCAGAGAGTGTGACCAGGAAGAGGAGAAGCCTTGGGGACTGG
ATCAGGTGTCTGTCCCTAGGTCCCCATTCTGACTCTTCTCCTGCCACCCTGATCTGGGT
GTAGCATCATATTACATGCTGTGATTGCCATTCCAGCCCCATACTGTGGGAGGCTGGGGA
GTGTGAGAAGCTTTCCCAACCCTGGCAGGTACATACACAATCACTCAACTG

>SEQUENCE:239:prostate_MPM2000-004P4Novel007_8Table4

ATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAAATC
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GTTATTTTAAAAATAGTAATCAATGCTATGTATTTGATGTATATGTTTCTAAATTAGAAAT
TTCTTTTGGCTTTGTGTTTTTTAATGTGCGTTAAATATGTAAACTGAACCTGTTCTTAA
AATGCATTAAACTTGAATGCTGTGTCTATCCAATGCCAAAATGCTCAGAAGAAAAGTGAA
TAATTCAGTCATTTCATCTGGATGTAGTTTTCTGTGTAATCTCAAATATCTGAATATTGAA
AAAAGTAGGTTGCTAACTTTTTTTCATTCTTATGCAAAATGTTTAGCATCATAGTGCTGTT
TCAGATACAGATCTGTTTCATCAAA

>SEQUENCE:240:prostate_MPM2000-004P4Novel007_8Table4

ACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATA
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TAAACGATCATTGTGGAGGAAAATACAGGATTTTCCAAAACAGTTTCAGAGCTACCTT
TGCAGATGGGTAGGCTTTTACCCACCCACAGAAAGAAGAGTCAACGGGGCTGAGACAGG
ACAGGGATGGGTTTCAGGAGCACAAATTAAGTTTTCGTATCTTAAAGAAAATATCTAT
GTTTACAGAGAGAAAATTGAGAAGATAAGTTACTGCCAGTTCTCTGGTCTTTGACACTTA
GACCACATAAGAATGTTCCATGGTAGAAGGGTTGGGACAGAGAATCTTAGGAATCCTAAG
AGAGAATCAATACTGCTCCCCTACCCAGGTTTTTCTTGTTTTCTTACAATAGTATCCT
TATT

>SEQUENCE:241:prostate_MPM2000-004P4Novel007_8Table4

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG
ATATCTGCAGAAATCGCCCTTAGCGTGGGCGCGGCCGACGTACTAAACATATCCATTAC
CCCTAGTTTATGTGCCAACCTTATTTTATATTACATTCCCAAATTATATATAGCTCTGTT
TCTAAGCTCTATTCTGCTCTATTGGACTATTGTCTGGTCTTATGCTAATCCTACCTTATT
TTAATGTCTGTGACTTTAGTCATAGGACATACCTTGAAGAATAGGAACTCCCTTACTGTT
TAAACAGTTCATTTGGCTATATGTGGAATTTTATTCTTTCTATATAAACTTTAAGGTTTG
TTTATAGAGTTCCTTAAAAATTTGATTGGAATTGTATGAATTAATAGGGAGAAAAGTTGAT
ATCTTTATGATATTTGTTCCATCCAAGAGCATGGAATGTCTGTATTTTAAATTATCATCT
ATATTGTTTATT

>SEQUENCE:242:prostate_MPM2000-004P4Novel007_8Table4

TACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA
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CCAGAAAGGTTCACTGCTGACTCCCCACCTCTCAAAAAACAAACAAACAAACAAACACC
ACCAAAGCTTTCCGCCATTTCATGCACATGCTTATTCTGACCCCAACCCCATCCCTACAAA
GGGGCAGCAGACAGCACAAATAGTCAAGGACAAGGTTTTTATTTATTTATTTATTTATTAT
TTATTTATTTATTTTAAAGGAGACAGGCCTCGCTATGTTGCCAGGCTGGCCTCCAAC
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CACCACACCTGGCTTAAGTAGAAGGTTCTGAAATCTGCCAGAGGCTGAGCAACAGAAAGC
TT

>SEQUENCE:243:prostate_MPM2000-004P4Novel007_8Table4

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CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGTGAAAAGAG
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CCAGAAAGCATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTGGA
GGTTCCTAAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTGAGAATAG
AGCACAGTCCCATTGTTTAAAAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAATG
CATTCCACCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGCAA
GATCTTTCTCAGGACAACTCTGCCATGCAGCTAAAAGCCTGGAACTAAGCTCTAGAAC
TAGTGGATCCCCCGGGCTGCAGGAATTCGATATC

>SEQUENCE:244:prostate_MPM2000-004P4Novel007_8Table4

GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGACAGTGTGATGGATATCTGCAGA
ATTCGCCCTTTCGAGCGGCCCGCCGGGCAGGTACAACAAACCAATAATGATAAAAAATAC
TTCTCTTTTCTCCCTGTTTCCCTTTTCCCTTGGCCACAGCCAAATGCTAATTGCTGCT
TTAATTACAGAGATGTGTAAATGTATTGAGATTACAACTCTACAGGAATACATCAACAT
TTTAACTCTTTTGCCTTTTACTGTTTAACTGTTTAAATGCAAGTTATTTAGGGTGAC
ACTCCTTCCAGTTCTGGCCAGATCATGAGTTTCAAGATCAAGAGTAAAAAGTTATTAGAA
ATAAACAGTTTATAAAGGGAGGCAGCCCTTTTCCCTCAAGAACAACCTTTGTTGAGAGTT
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>SEQUENCE:245:prostate_MPM2000-004P4Novel007_8Table4

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TAAATGAAAAGTAATAACCCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGT
AGCAAGAAAACAAAGAAGAAAATAATTTGAAAAATGGAGATTCCCCAACCAGTTTCAT
ATTTGAAGGATCTGAGTTGTATTTTATTAAGGAAATTTTTTTTCTGAATACTGTCTTC
CAAAATGTTAACATTAATCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCAC
TGACACCTAGGGCTCTGAAGCGTGTGTGGCCACATGGAAAAGTCAAGGATGCGCTGTCTG
AATCTCCTTTGTCTTCACTCCATAGACAATTGGGTTGAGCACAGGAGGAACCAGCAGA

>SEQUENCE:246:prostate_MPM2000-004P4Novel007_8Table4

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AAGGTAGACACATTCTATTTATGAGTCTAACACCCAGGAGCAGGAATGAGAGATAGGGGA
GTGAACTGGGGAAGGAACTAAGTCCGAGCAAAACCAGATACTGCTCTTATCAAGTG
GTCCACCCCTATTAATGGCTACATAATGCAGAACTTTCTCAGGATTCTTCTAACTTTA
TCTCAGAACTGTCTGCCTCAGGGAGAAAGGAGAAGTATTTCTCCATCAGCAGCCACCTCC
TGTGTGTTGAGGGCTGCTCCTTTTGGGCATTAACCCACTGCCTCCACCACCCCAACCCTC
TGGGCTGCAAAGAGCTAGCTGACAGTCCAGCTGGTACCTCGGCCGCTCTAGAACTAGTGG
ATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGG
GCCCGGTACCCAGCTTTTGTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGT

>SEQUENCE:247:prostate_MPM2000-004P4Novel007_8Table4

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GATATCTGCAGAATTCGCCCTTAGCGTGGTGCAGGCCGAGGTACTATAGGATACAACCAG
CGAAACAGAATTGATACTCTCATGTATCTACTAGCATATCCACAAAAACCCATGGTTAAG
ACAAAAACCATTAATTGATAGAATTTGAGGAACTGCCAGCTGGACAGAATGCAACAGTT
GCTGTGATGAGCTATAGTGGCTATGATATTGAAGATGCTCTTGTTTTAAACAAGGCCTCT
TTAGACAGAGGCTTTGGGCGTTGCCTTGTATATAAAAATGCTAAGGNACTTTNNTTTTA
TTNTTTCTTTTTTTTTACCTTTTTTTTTTTTTTTAATTATTATTTATCTTATATATT
GTTATTTTATTTTTTTTTTTNCCGAAGGGCTGCGTTTTTTTTTTGTGGGACCCAAAAA
AATTTTTTTTGGGGG

>SEQUENCE:248:prostate_MPM2000-004P4Novel007_8Table4

GCGCGTATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGG
C

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CTGCTATAGCAGCGTTAGCCCTGGGGTTCATTATCTAGCCAGTTCACACCTTCTAAAGTG
GGGCTCTGAAAATGTCTTACTTCCCTCACAGACAAAGCAATTCTCAAGCCTCCTGAGATC
ACCCACCAACCAGAGCAACTGCTGTCACTTGGAGGTGCAGCTGAATCTTCTAATTGTGA
CACAACTCTTGAACTGTAAATGCTGAAAGATTAAATGAGGTTATAACACTCAGAAGGT
TTTACAAGTAAAAGTAAGTCAAATCAATAGGTCTTATTTTCATATCTGTAATGGTTTAGC

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TCTGCGGGAAGTGTTAGCAGCTATATGAATTAGGAAGAATTTAGAAGACAATCCCTAAAC
ACATGAAATGTCCAAGTAAGAAGATAACATATTTATCCAAATATTTAAAGTGAAATGCTC
CAGATATGGGAAGCTTACAGTTTTCAAGCAAAGCTTTTTAGAAAAAATTATGGAACATTT
TTAAAGAGAGCTAAACATTTCTTTGCCTTAGGCAGAATATACAGAACACAGATTCACCTT
TTCTGTACCT

>SEQUENCE:249:prostate_MPM2000-004P4Novel007_8Table4

ATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCT
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AGTCTCTGCTGCAATTAGTGCTAATTACATACCTGGGCTATAAAAAATAAAAGATTTT
TATAGCAAAGTTCACATATATCGTTTTAGTTCACTTTATCCACATTTGTTCAATTTAAAT
TATACAATTGTCTTTACATATAACTGTTCTTAGACTTGAAATTTGAGGATATTATGATGA
AACAAAATCTGTATTCTGAAACAAGCTCTATGT

>SEQUENCE:250:prostate_MPM2000-004P4Novel007_8Table4

TGGGCTCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGG
CTTCGAGCGGCCGCCCGGCCGAGGTACTCTACGGTGTCAATAATTATTTTCACTCTCTGCTG
CAATTAGTGCTAATTACAATACCTGAGCTATAAAAAATAAAAGATTTTCAATTATAGCAAAGT
TCACAAATATCGTTTTAGTTCACTTTATCCACATTTGTTCACTCTAAAATAATACATTTTCTT
TACATATAACTGTCTTAGACTTGTAAATTGAGGATATTTGATGAAACAGATCTGTATCTGA
AACAGCACTATGATGCTAAACATTTGCATAAGGAATGAAAAAAGTTAGCAACCTAGTTTTT
TTCAATATTCAGATATTTGAGATTACACAGAAAACTACATCCAGATGAATGACTGAATTA
TTCACTTTTCTTCTGAGCATTTTGGCATTGGATAGACACAGCATTCAAGTTTAATGCATT
TTAGGAACAGGTTTCACTTTACATATTTAACGCACATTAACAAAAACACAAAGCCAAAAGAA
ATTTCTAATTTAGAAACATATACA

>SEQUENCE:251:prostate_MPM2000-004P4Novel007_8Table4

ATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTC
GCCCTTACGTGGGCCCGGCCGAGGTACTGGAATTTCTTTGGGGGGTTTTTGGTTAAGGG
AACCTTGTTAATTTTTTTGTTAACTAAATTTTTTTCTTAAAAATAAAGACTTTTTAACAAT
GACTGGCACAGATTACTCATAAAAAAGATAGCAAAACGGGTGGTTGAAGATAATTTATTTT
AATCGTAATGTATTTTAAGTGTGAATTTAAAAATTTTATACATTTAAATCTATAAATTTCC
CTTATATTTCTTATGATGAGGCTTAATTTAAAGTCTAATTAACAAAA

>SEQUENCE:252:prostate_MPM2000-004P4Novel007_8Table4

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACT
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TCACTGATCACTACATTTAAAGCAGTCCAATAGTGAACAGGCTGCCTCACAAATAGTGA
GCTCTCGTTTCTTACACAGATTCTACTATGGGCCAGGATCTCAGCCAAGCAGTGGAGCCA
GAGGCTGGACAGACACAAGCAGAGATTTTGGAAAAAGACTGAGTCCCTCTCAGCACTTCA
AAGATCCCTTCCAACACCCAAACATCAAAAGCCATGTTATATTGCCAAGCAAGGGTGCCT
ATGAACGCCTGTTGAAACCCCAACAATTTTTTCAGCCAATTATTAAAAACCCCAAGAG
ACTATCAGGACTTCAGGGCAAACATCCTAGAGATAGCAATGCCCCAGCAAGAAGAAAAG
AGTTCTCAGTCTGAGAGGCACAACTGTAATCAGTGTAAATTAACAGCTTACCCTCACCTC
TAGCCAGGCGTTTCTTCAAGATTCTAGGGTTTCCAGTCCTTACAGAACATTCTCAAGTCA
GCAGGCTACACT

>SEQUENCE:253:prostate_MPM2000-004P4Novel007_8Table4

GCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTTCTTGCGGCCTGTG
CGGGCAGGTACTTCATATCAGGACGAACCCAACAATTTGTCTGCCCAAACATGGTCTCAG
GTCTGAGAGTAGCAGCCACCAAGAAAATATTTTACCTTTTCAAGGCCACTTAATTTAGATG
GGTATGGCTCAAGCACCTTCAATTTGAGTAAAGTATATTCCTGAGGTCCAACACCCTCTC
CAGTTTGTCTATCATGATCCATGCAAGGCTGTCCATCTTTTCGGAGAGTAAATTGTGTACC
GCTTCCCAAATTTAATTTTGTCTTTCTTTAATGTTAAAAATTGCCATCTGACAAATG
AATCATAGTAAGGATTAACATCAGTGGTGTGAAGGAACGACGCCAGTCTACCTTCAAAC
CCATTCTTTT

>SEQUENCE:254:prostate_MPM2000-004P4Novel007_8Table4

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC
AGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCTGGGGTCTCAGGGTTGCTCTGGGC
CTGATCATCCACTCAGATCTGTAAGGAGGATTTGCAGGATCCATTTAGAAAGATCCTCCC
TTACTTCCACAAGCATGGCCTTTGGCTCTTAATACCTGTGCTGGGGTTTTGTAATTATA

Table 7
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GAAACAACAGGAACCAAACTCATTAATGTTGAGCTACAAACCAGAGGGAAGGCTTCTTT
CTCAAAACAGG
>SEQUENCE:255:prostate_MPM2000-004P4Novel007_8Table4
GCGCGTATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGG
C
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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>SEQUENCE:321:prostate_MPM2000-004P4Novel007_8Table4

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Table 7
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Table 7
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TAAGACTGTGTTGGGCTTGACACGTGAAGCCCAGGCCAAGGCATTTGGCACTTGGCGTCTC
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Table 7
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>SEQUENCE:357:prostate_MPM2000-004P4Novel007_8Table4
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Table 7
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>SEQUENCE:366:prostate_MPM2000-004P4Novel007_8Table4
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Table 7
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CCAGGTATCCAGCAGGTAGACAAAACAGCTAACTCCACTGCCACTCCTTTCTCCACATCC
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>SEQUENCE:385:prostate_MPM2000-004P4Novel007_8Table4

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GGCAGCCATGGATTCTATCCAGCCCCATCATCAGTTCGGGGACACAACCTGACTGAAGA
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>SEQUENCE:387:prostate_MPM2000-004P4Novel007_8Table4

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AATAATTCGGGTTTACACCAGCAGACACAGTGGCTATCATTTTCTGTTCTACACACAAA
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Table 7
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Table 7
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>SEQUENCE:403:prostate_MPM2000-004P4Novel007_8Table4

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GT

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Table 7
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Table 7
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Table 7
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TGGAAGGCTGANGCANGAGAATGGTGTGAACCCTGAAGGCTGANCTTGACGTGAACCAAA
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>SEQUENCE:516:prostate_MPM2000-004P4Novel007_8Table4

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TGTAAGAAAATGTATTATTTTAGATGAACAATGTGGATAACTGAACTAAAACGATATTT
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TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGGTGGATCCCCTTTTAGTCCA
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>SEQUENCE:535:prostate_MPM2000-004P4Novel007_8Table4

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Table 7
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Table 7
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Table 7
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Table 7
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>SEQUENCE:3099:prostate_MPM2000-004P4Novel007_8Table4
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TA
>SEQUENCE:3100:prostate_MPM2000-004P4Novel007_8Table4
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GGCCTCTGCTAAAACCATGGCTTTAAGTAAGGAGGGAGCAGATATATAAAAAACCTTATC
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>SEQUENCE:3103:prostate_MPM2000-004P4Novel007_8Table4
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TTGCCAGGGAGGCTTCTAAATTTATTCTGCTGTGAATTCTAAGTGGGGCATTGGAACCT
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CTTGAGAAATGCAAAATCTTTAATCACTCCAATTTGCCAAGCACAAACCAGGCCAAGA
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TTTTTTCATCAC

>SEQUENCE:3104:prostate_MPM2000-004P4Novel007_8Table4

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AGTTGTATTTTTATTAAGGAAATTTTTTTCTGAATACTGTCTTCCAAAATGTTAACATT
AAAATCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCACTGACACCTAGGGCTC
TGAAGCGTGTGTGGCCACATGGAAAAGTCGAAGGATGCGCTGTCGAATCTCCTTTGTCTT
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>SEQUENCE:3105:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:3106:prostate_MPM2000-004P4Novel007_8Table4

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CACTGTTAACCCCAAGAACAGATGCATTTGAATCTGAAAGGAGACAGGAATCCTAATCCT
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>SEQUENCE:3107:prostate_MPM2000-004P4Novel007_8Table4

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GACTCCTCTGTTTCTGTGAGTGATTCTGCGATGGCTTGAGGTCATCCGTTTGCTTTGAAA
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>SEQUENCE:3108:prostate_MPM2000-004P4Novel007_8Table4

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CGGGTGAAGGGAGAAAGCAGCAGAGAATGAATATAAGCCCGGAGAATGAACATAAATGTG
AGGGGAAGAGGCCAGAGGCCAACACTGGAAGGACAGTGAGGGCCAAGAAAGGAACACTACTA
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TTAGAGGCTGGTTTTCCAACCTTAAGTGAAAGAAATTCACCCTGTTTTTAGCAATTATGAC
GCACTATATTTACTTCTGTCACATTAGCTGATTCTGTGGTGGACTGGGTAATTTGAAAAG
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>SEQUENCE:3109:prostate_MPM2000-004P4Novel007_8Table4

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GACGGAGTCTCGCTCTATCCCCATGCTGGAGTGCAGTGGCGCGATCTCAGCTCACTGCA
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>SEQUENCE:3110:prostate_MPM2000-004P4Novel007_8Table4

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CTGACTTGCTTGATCAAATGGCTACTGTCTGTACCCTGAGAAGAATATTGAAACATAGA
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C
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>SEQUENCE:3113:prostate_MPM2000-004P4Novel007_8Table4

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CGGGACAGTCCCTCCTTCATCAGACACAGATGGGTGACATCTGGCCAGGAAGAAAGATCA
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>SEQUENCE:3114:prostate_MPM2000-004P4Novel007_8Table4

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TTGACATGTTGCAAAATGCATTAGCTGAAAATGACACACCCTATTATGATGTATCCAGAA
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>SEQUENCE:3115:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:3116:prostate_MPM2000-004P4Novel007_8Table4

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GCGGAAGGGGAAAGTCACAGAGCAATCCCCAAGAGCCTTGAGTCTGAGAAGTCTGAGGCA
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>SEQUENCE:3119:prostate_MPM2000-004P4Novel007_8Table4

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AAGAGAACAGAGAGGAGGCAGAAAGGGGATGGGGAAGTGGGGTTCCGCATGTTACAGAG
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GGCCCAATTCCCTGGGACCACCACCCTGGAAGGACAACCTTGAGCCCTACTCAAGGACCCA
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>SEQUENCE:3120:prostate_MPM2000-004P4Novel007_8Table4

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CTGGTCTAAGCTCCTGAAGCCCAGAGATAAGAATGACTTAACCCAAGCTGCACAGCCTCT
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>SEQUENCE:3122:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:3123:prostate_MPM2000-004P4Novel007_8Table4

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>SEQUENCE:3124:prostate_MPM2000-004P4Novel007_8Table4

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AGCTCTAAATCTTTTGGAGAAACACTAGGTGCGACAGTTCTAAAAGCATTTTCAAATCA
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>SEQUENCE:3125:prostate_MPM2000-004P4Novel007_8Table4
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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CAGACCACAGAATCTTGAGAGCCATTTCCACGTGGAGCAAGTGGTGGCTACCAGCCTTGG
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CCCTGTAGGAGGAGAAACACCTGGCAACTTAAATTTTTTAAAATAACTTTTTTTTTTTG
AAACGGAGTCTCGCTCTGTCTCCCAGGCTGGAGTGCAGGGGTGCAATCTCGGCTCACTGC
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>SEQUENCE:5861:prostate_MPM2000-004P6_Table5
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>SEQUENCE:5862:prostate_MPM2000-004P6_Table5
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GCTCCCTCGTCTCACTGTCTCTCAAACAGTTCCTTATTACTTGGTTGTCTGAATCA
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>SEQUENCE:5863:prostate_MPM2000-004P6_Table5
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CCCTGTGGCCTGTTCTTTCTGCCCTGAGTTCTCCCATCACGTTGAGTTCACATGTAACCT
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>SEQUENCE:5864:prostate_MPM2000-004P6_Table5

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GATGCCTGTGAGGAGCTACTACAAGAAATAGACATCACCTCATTCTCCTTGCATTGTGT
GGCCACACTTGGGGTTTGCCTCATGCACCCCCAAGTCCTGGTCCTCTCAGCCCTGGGCCC
TTCAGCAGCAGCATGGAGGAGGGTGTGAACCTCGGGAACGAGCTATCCTAGCTTCTGAA
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>SEQUENCE:5865:prostate_MPM2000-004P6_Table5

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CTGGCCTCCCGAGCCTCCTTAGGCAATGGCCACTGGTTTGTAGACAGAGAGTTTCTTGC
AGCCTTGAAAATTTTATTCCCTAAGTGGGGACAGCTCTGGTATTACTGCTTCTTTAATTT
GTTCCACAAAAATTATGCTGAAATGGACCTGAATCAGCCCTGGGTGTGCTTCTGTTGGCG
CCTGCTGCTGAGGCCCGGCTGCCCATCGGCCTGTAGTACCTCGGCCGCTCTAGAAGTAG
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>SEQUENCE:5866:prostate_MPM2000-004P6_Table5

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CCTGTTAGAGCGGCTTGACTAGCTGGTCCACTCCGGGCCTCAGTCTGGGGGGCTGGCGGG
CAGGTTGCAGCCTCTCCGCGATCAGTGCGCCTTGATTCCATTGGATCTCTTAGTCTGGC
CCTCATTTTTCAAGCTAACAGAACTTTCTGTTGTGACTTTTGGCGTATGCTACCTGGGA
GGAACGCAGTATTTGTGTTTGAATTTGCCCCATTAGACGATAAAGCACAAAGCCTTC
TAAATAAAATGCGGTCCACGGCCAGCTGTTGAGAGGATCTTGACGCTCTTCTTGGGTG
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CCAGTTATCATAAGCGAATTATCTGACACCTATACACATTACATACTAAAGTATTTATT
GAATGAGCAAGGACCACAGTCAACAAGCTCTACCTATATACAACATTTCCAATCAGTCT
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>SEQUENCE:5868:prostate_MPM2000-004P6_Table5

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CTGGTTCCACAGGCCAACCCATAGAACCACTCTGGAATAAAGGAGAAAATGGAAGGAGA
GGTATGGGAGCTTGGATGAGGGGTAGGAATGGGATCCATTCTCTGAGGCTTATAAAAGCC
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>SEQUENCE:5870:prostate_MPM2000-004P6_Table5

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TAACTCAAGATAGATTAAAGACTTAAACGTAAGACCTAAAATCATAAAACTCTAGAAG
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>SEQUENCE:5872:prostate_MPM2000-004P6_Table5

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AACCTCTCAGTCTGGAGTAGTGAGCAGGACCTTGCAAAATGACACTGTGCAGCTCCTTGTC
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AGGACATTGATGAAGGCTCTAGTCTTAGGAGGTTTTGCACATATGGACACAGAAACCAAA
CAGCAGTATTGGACAGAGGTTCTTCATCCACTTCAGCAGCGATTCTTAAGAGTGATAGAC
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CGTCTCCAAAAGATAAAGGGCGCGGGGTAATCCCGCAGCGCCCTGTTTTATTGCTTTA
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>SEQUENCE:5875:prostate_MPM2000-004P6_Table5

Table 7
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CTCCCATCCCCATTTCCATCTGGACAGTGTGCTGCTAACTCGGATCATGTCAGAATGG
TGGAAGAGTCTCTATCCCCACAGGGCTCAGGGACCCTTCTCACCTCACAGGCCCAAGGG
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CACTGTGCAGAGCCGAGTTTCGTGGGAAGAGCCCGAAACACACTATCACACATGCCTTTC
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CGTGCTCCCCCAGGCTATGTGGGTTGAGCAAACAGCAGCAGTTGCCTTGGGGCTTGTTT
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AGTAGAGAAAATGGCTTTCTTGGCCCTGTGAGAGGTCTCATAAGATCCAGCCATAGCCAA
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Table 7
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>SEQUENCE:5881:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5882:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5883:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5884:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5885:prostate_MPM2000-004P6_Table5

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GTCGGGAAACCTGTCGTGCCAGCTGCATTAATGAATCGGCCAACGCGCGGGGAGAGGCGG
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>SEQUENCE:5886:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5887:prostate_MPM2000-004P6_Table5

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TGGCTGCAAAGTTCCAGATGGCTTCTGTCTTTTGCATTTTCACTTTAAACCCTTGCAGG
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>SEQUENCE:5888:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5889:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5890:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5893:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5934:prostate_MPM2000-004P6_Table5
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>SEQUENCE:5935:prostate_MPM2000-004P6_Table5
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>SEQUENCE:5952:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5953:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5954:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5955:prostate_MPM2000-004P6_Table5

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>SEQUENCE:5956:prostate_MPM2000-004P6_Table5

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Table 7
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Table 7
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Table 7
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Table 7
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>SEQUENCE:6018:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6050:prostate_MPM2000-004P6_Table5
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TTAGGTCTGTGCTGAAGCAATCTGAGTATGAAGAGCAGCCCTGCCCTCCAGCCACTGTGG
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>SEQUENCE:6051:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6052:prostate_MPM2000-004P6_Table5

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CATCTTAGGGGCACACTCAGATGCACCCCATCGCAGTAAGCAGCAGCTGTTGTCCTGGGT
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>SEQUENCE:6056:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6057:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6058:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6061:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6062:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6066:prostate_MPM2000-004P6_Table5
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CTTCACGAACACAAGATCGTCTACAGGGACCTGAAGTTGGACAATTTGCTCCTGGACACC
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TCGTA CTGAGGAAATATTTTGTAAAGTGAGCTTTGGGTATAACTTAGCCCCATCATTATT
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AGGATAGGTAGGGTTTTAAAGGGAGATAAACACAGTCTCATCAACTAAGGAGAGATTTGC
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AAAATGAAAACATTGAACTATTT CAGGCCACGGTATAGCACAGAGCTAGAAATCAGATCA
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>SEQUENCE:6068:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6069:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6070:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6071:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6073:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6074:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6075:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6076:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6077:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6078:prostate_MPM2000-004P6_Table5

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TAGTAAGAGGAGTCGTCTCCCCGAGGCTTCTGCTCATAAGGCCGCTCTCCAATCTC
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AGCCGGTGGTTAAGGACGTGCCATAGATCCAACCCTCGCTGGTGCTGGTCTGCTCCATTG
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>SEQUENCE:6079:prostate_MPM2000-004P6_Table5
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Table 7
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TGCTTACCCTGCATAAAGGGCCAAAGGAGGGCTGCGGCTTCCCTTCCCTCACTGAAGAGCC
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Table 7
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>SEQUENCE:6199:prostate_MPM2000-004P6_Table5
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TGAGTGATGTAATCCACCCTGGGGGCAATAGCCATATTGCCAATGGTATTGAGCCTTCCT
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>SEQUENCE:6200:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6211:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6218:prostate_MPM2000-004P6_Table5
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Table 7
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>SEQUENCE:6367:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6373:prostate_MPM2000-004P6_Table5

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TCCAGTAGGATTTTGAAGTTAGAGGAGAAAATTAAGAAATAGTCTTTAGAACTGCCAGC
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CAAGTTTATCCTCAAGTTTATATGCAGCAACAAAGGTCTATGAATTTGGGCTCATAAAAC
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>SEQUENCE:6407:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6409:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6410:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6411:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6412:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6413:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6414:prostate_MPM2000-004P6_Table5

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CGAGACCAGCCTGGGAAACATGGCAAATCCCCGTCTCTACTAAAAATACAAAAAATTAGC
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>SEQUENCE:6416:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6417:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6418:prostate_MPM2000-004P6_Table5

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GAACCTCCGGTTAAGCGAAAATATGTGTATCACATTAGACACTGTGTGCTCTTACTGTC
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>SEQUENCE:6420:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6421:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6422:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6423:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6424:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6425:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6426:prostate_MPM2000-004P6_Table5

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AA

>SEQUENCE:6509:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6511:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6515:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6527:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6528:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6532:prostate_MPM2000-004P6_Table5
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CCTGAGCTCAAGCGATCCTCCCACCTTAGCTTGTGGAACCTACAGAAAGGCACACAGCCAC
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CATGCTGG

>SEQUENCE:6533:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6535:prostate_MPM2000-004P6_Table5

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GTAGTGTAGGTCTCAAAATTTAGACATTGATAATAGCATGTACAGACGCAGGAAGAACGC
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>SEQUENCE:6537:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6539:prostate_MPM2000-004P6_Table5

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AGTCACATCAGCCCCCTTCAGAGTCACAGCCCCAGAATAAGGCTATCCATATGGGTTGA
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CACATCCCCTCAGCCAGCCTGAACTTCCACTGAAGGCTGAGAGCTGTGGGGCCTCGAGG
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AAAACCACCGGTAACCTCCAATTTGCCCTGTTACAAAATCTCACCTCCTGCCAGCTTT
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GCAAAATACTAAAGGTGCTATAATAATGCAATACACATATCTTTATTATGGTAAGGAAGT
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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GC

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>SEQUENCE:6596:prostate_MPM2000-004P6_Table5

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AT

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Table 7
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>SEQUENCE:6663:prostate_MPM2000-004P6_Table5

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Table 7
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0076526-00604

Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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>SEQUENCE:6774:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6776:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6798:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6809:prostate_MPM2000-004P6_Table5

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AGTGATAGCTAGATGGAATTGCAGCCCAGAAATTTAAGTATCAGGAGACAGGAAAACCTGG
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>SEQUENCE:6812:prostate_MPM2000-004P6_Table5

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ATAAATTAGTAACACAAGGGTAAGCACATTATTTAGCAGTATGGAGGTAACCACTGAAG
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CCGTTGGTTTACAACGTCGTGACTGGGAAAACCTGGCGTTACCCAATTAAATCGCCTTG
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>SEQUENCE:6816:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6818:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6820:prostate_MPM2000-004P6_Table5

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CAATTTTCCTACTTTAGAAAGCTTCATAAACACAATAAAATGAATGAGATAGGGACTCAGG
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>SEQUENCE:6821:prostate_MPM2000-004P6_Table5
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>SEQUENCE:6827:prostate_MPM2000-004P6_Table5
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Table 7
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Table 7
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1. The first step is to identify the problem or question that needs to be addressed. This involves understanding the context and the specific requirements of the task.

1. The first step is to identify the problem or question that needs to be addressed. This involves understanding the context and the specific requirements of the task.

Table 7
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Table 7
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TCTTACTTTACTCTTATAAATACTCTGCAAAGTGAGTATTATTGTTCTATTTTAGAAGG
GAGAAGACTGAAGCTTAGAAAAGCTGATTTACCTATACCTATTAAGTAGCAGTGCTAGTA
TTTGAACCCAGTCTGTGATTTTCAAGCAATTTCTATTAAGTCAAGAAAGGGGAACATGTCTG
GAAACAAAAGGACAGTAATAGCACCCATACTCCTCTTCTAGTCTAACTTAAATGGTATTA
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>SEQUENCE:6910:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6911:prostate_MPM2000-004P6_Table5

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TGATATCGTTAAGGAAAACAAAGCTAAATCTCTGGTGCCAGAAGTCACAATAATGACTAC
TCTAGGGTACTGGTAATGTTCAAAGCGATTATGTGGATGTATTTACTTATAGATAATACA
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ATGTTAATCAAGGAAGACCATCCCTACATAACAGCAATAACCAGTTAAACTATGAAATG
AAGAGCTTTCTAAAATAGTGACAAAACAAAGCATCCAGTTTAGCAAGAAATTTCTGATA
GGGATAACTATAACACTGTGATACATACCATATGGATCGTTACCCTTTGCTTCTTTATGA
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>SEQUENCE:6912:prostate_MPM2000-004P6_Table5

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GCAGAAATGCCAGGTCAATTCAATAAAGAAATAAAAATCTTTCCAACAAATGGTGCTGGAA
TAACCAGAAATCCATAAGAAAAATTAACCTCATGCCATATGCAAACTTAATTTT
AAATAAGTTATAAGCCTAAATGTATAAAATTGTAAGGCTTTTAGAACAAGACATTGCAGA
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>SEQUENCE:6913:prostate_MPM2000-004P6_Table5

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GAGCCACGAATTACGCGGCCAGCCTATGCAGCTGGGCGACATAGAAGACGACTCCGCCT
CTTATATAGACCGCAAAGAAAAGAAAAGAAAAGTGGCCAGGCGGGGGGACTCAAGCCT
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>SEQUENCE:6915:prostate_MPM2000-004P6_Table5

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GCACTCTAGCCTGGCGACAGAGTGAGACTTTATCGCAAAAAACAAAACAAAAACAAA
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>SEQUENCE:6916:prostate_MPM2000-004P6_Table5

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CTGCCTCGGCCTCCCAAACCTGCTGGAATTACAGGGGTGAGGCAGCGCGCCAGGGCTATAG
CAACATTTTAAAAGGACATTTGCTTGGGTATATAATTTTATATCCAACATTCTTTTCCTT
AAATATTTAAAAATATCCCACTCCTTCCTTTGTTGCATCCATTTTGTGCTACATCTGA
TATTCTGATCCTTGCTTCTTTGCAGGTGATCTCTGACTCACTGTAAGCTTTGTAAATTTT
TCTATGCCTTGCATGTTCTAAATTTCTCTCTAGCATTTCCAGGCATAGTTTTTCTTTGC
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>SEQUENCE:6917:prostate_MPM2000-004P6_Table5

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GGCAACAGAGCAAGACCCTGTCTCAAAAATAAATAAATAAATAAATAAATAAATAAATAA
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TCCTGTAATTTTCTAGATTCAAGTATGACACTCAAAGTTTTAGGGAAATGAGAAGGCTCA
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TCTCTCTAACTCCTCCTCTGGCAAGGCTCAGGGCCCTAGCAGATTTGCCAGGTGAAACT
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>SEQUENCE:6918:prostate_MPM2000-004P6_Table5

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CTGTCTCACAGACCTCATTTTATCCCCAAATACTTTGCTTTCCCTTCCTGACCCCTTG
CCTAGGAAAATTCCTAGTATCTTCTAATCTGTTACTCAAAGAACAATCAAAGAGTGACAA
TAGAACCAAGTTTACAATTCAGATTTTACTCAGTCACTAAAGTATCTGCAAAACATACCC
CTGGATTTGATGCTAGATCATAGAGATCATGTAATCCCATCAAGTCTATAGAACTCTGGC
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>SEQUENCE:6919:prostate_MPM2000-004P6_Table5

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AACACTTTGGGAGGCCAAGACAGGCACATCGCTTGAGCCAACACGGCAAAACCCCATCTC
TACAGAAAATACAAAATTAGCCGAGCATGGTGGCACACACTCATAATCCAGTTATTAG
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>SEQUENCE:6920:prostate_MPM2000-004P6_Table5

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CTGTGTCAGAACAGTATTAATAAATTAACAAAATAAAAGTTACCCGTATTTGGCACCTAC
TATGGTAAAAGCTATATTTTAGGTACTTTACACGCAATATTTCCAGTCCTTATCTCCACC
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GGCTAACATGGTGAAACCCCTGTCTCTACTAAAAAATAAATAAATAAATAAATAAATAA
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>SEQUENCE:6921:prostate_MPM2000-004P6_Table5

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AGCTGTGCTGCTATATGGATGGTAACACAGGCAATATCTGCAGACATGTCTCATTTAATC
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>SEQUENCE:6922:prostate_MPM2000-004P6_Table5

ACCCTGACTAAAGGGAACAAAAGCTGGGTACCGGGCCCCCCCCCTCGAGAGTACTTCTAGAA
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>SEQUENCE:6923:prostate_MPM2000-004P6_Table5

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GGGGAAGCAAGAACTGTGGAGGGCTTGGTTAGCAAAGTAGATAACTCTCCCACAAGAACA
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AGGGAAATATTAAGATACATAAAATGAAGTATTAATAAGTGGGAAAAATACGAATTACA
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>SEQUENCE:6924:prostate_MPM2000-004P6_Table5

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GCAAAAACATGGTATGTGCATGGAATATTCCATCTGCTCCTTTTGAGTTCTGGATTTCA
GACTCTCTTGTCAGACCTCCAGGGCCTAACAGTCCCTGTGCTCTCCAAGGCTTCCTACAT
TTCTAAGGTGCTGGGAGTTTCTCTATCTGATCTATGCTGTCTCCACCCACCTGCCTTTCA
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>SEQUENCE:6925:prostate_MPM2000-004P6_Table5

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ATAGATAAGATCGAATCTGGAAATAGAACAGGGGAAGAAAAGAAAGTAGAAAATAATTAG
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>SEQUENCE:6926:prostate_MPM2000-004P6_Table5

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CTGGTATOCATAATATATAGAGAATTGCTTTAAAAAAAATAAAGACAGGCCGGGCACGGT
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GCATTAATAAAGGAAATAGAAAGCATTATCACATATGTAATAAATCTAGCTTTACTG
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>SEQUENCE:6931:prostate_MPM2000-004P6_Table5
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GAAATGTGAGCTTCTGATAAATTCCTTCTATTTGTGCTTTTTTAGAACAAGTTCCATTTT
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GTTACAGATAAACTTGAAAAATTTTAAAAATACTAATATGCTAAATTAGATACAGGAG
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>SEQUENCE:6933:prostate_MPM2000-004P6_Table5

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GCTTTATCTTCAACTGAAGGTTTACTGAAAATTATACCTTTCCTAGTACAGCTATGTCTC
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>SEQUENCE:6934:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6935:prostate_MPM2000-004P6_Table5

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ACATACCATTTGGTATTCAGAAGGATTTGTAAGAATGATCAGACCAAGGGTTCTGAATTGA
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>SEQUENCE:6936:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6937:prostate_MPM2000-004P6_Table5

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>SEQUENCE:6938:prostate_MPM2000-004P6_Table5

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TCTGTAACTAGCTTCTTAGACTTTGCCTTAAAGTTTAGTTGGCAACCAAAGAGAAAAAT
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>SEQUENCE:6939:prostate_MPM2000-004P6_Table5
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Table 7
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>SEQUENCE:7007:prostate_MPM2000-004P6_Table5

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CGGTGGAGCTCCAATTCGCCCTATAGTGAGTCGTATTACGCGCGCTCACTGGCCGTCGTT
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CAGAAGGGTATTTTTCTACTATTTAGAGCAAACTGTTCAAAAGTGGCTAGAGGAGGAAG
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Table 7
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>SEQUENCE:7017:prostate_MPM2000-004P6_Table5
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Table 7
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>SEQUENCE:7018:prostate_MPM2000-004P6_Table5
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Table 7
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>SEQUENCE:7024:prostate_MPM2000-004P6_Table5

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Table 7
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>SEQUENCE:7033:prostate_MPM2000-004P6_Table5
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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>SEQUENCE:7125:prostate_MPM2000-004P6_Table5

Table 7
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Table 7
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ACTACTTCTCATAAAAAAAAAAAAAAAAAAAAATGGGGGGGCGACCGGGGGGGGACCC
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>SEQUENCE:7234:prostate_MPM2000-004P6_Table5
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>SEQUENCE:7235:prostate_MPM2000-004P6_Table5
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GACATCGCACTTCCCACACTTCAATTTCAAGTGATAGCATACATGGCCTGTGTCACTGCT
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TCAGTTTGCAAGACTTTATATAAAATAGAATCCAACCTCTCCCTCAATTCTACACAGCTG
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>SEQUENCE:7238:prostate_MPM2000-004P6_Table5
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>SEQUENCE:7239:prostate_MPM2000-004P6_Table5
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GATTAAAGGCATGAGCCACCATGCCCAGCCTGTGTTTTAGTTTTCTGTGAACTATTCATA
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>SEQUENCE:7240:prostate_MPM2000-004P6_Table5
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>SEQUENCE:7242:prostate_MPM2000-004P6_Table5
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>SEQUENCE:7250:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7251:prostate_MPM2000-004P6_Table5

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Table 7
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AACTCAAGCAGACCAATAGAATAAGAATATTTATTA AAAAGTAAATTCTAGTTAATTGAAA
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>SEQUENCE:7252:prostate_MPM2000-004P6_Table5
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Table 7
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GTTACCCAACTTAATCGCCTTGCAGCACATCCCCCTTTCCGCCAGCTGGCGTAATAGCGAA
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>SEQUENCE:7259:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7260:prostate_MPM2000-004P6_Table5

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TTAAGTGAGAAAAGTTACATCCAGTAGAGGAACTATCCCCAATCCAGTAACTGGGACCAT
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>SEQUENCE:7261:prostate_MPM2000-004P6_Table5

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C

>SEQUENCE:7262:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7264:prostate_MPM2000-004P6_Table5

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AGAACTGAGATCCGAGAGATCAGCTGATTAGGCCAAGATTACAGAAAAGAGTAAGGCCA
GACATGAACTCATATCTGAGTCTATGTCCAGTGGTCTTTAAAAAGATCAACTCTATTA
AACACACAAAAAATAAGTATTACATAGACAGGAGGATGAGTAGCTGTATCAGGCAATAA
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Table 7
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TTTAGTGACTCAGAGTCTCAGAATAAAAAAATAATAGAATGGCCAGGCGCGGTGGCTCAC
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>SEQUENCE:7265:prostate_MPM2000-004P6_Table5

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Table 7
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Table 7
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>SEQUENCE:7329:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7371:prostate_MPM2000-004P6_Table5
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>SEQUENCE:7377:prostate_MPM2000-004P6_Table5
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Table 7
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GATGCCTCCACTGCGAGCACAGCCCTGAGACAAGGGCCCAGGCGCCCAGCGGGGCTGGT
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>SEQUENCE:7384:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7390:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7414:prostate_MPM2000-004P6_Table5
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GAGAGCTGGGOCACCAACAGCCTCGCATCATTAGGCTGATCTGCATCCAACGAAATCAAA
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>SEQUENCE:7426:prostate_MPM2000-004P6_Table5
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>SEQUENCE:7433:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7437:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7438:prostate_MPM2000-004P6_Table5

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Table 7
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TCTGGGCCCTTTTTTA

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ATATTCTACTGTTGCTATACTTTTTTTTTTTGGTAACAAAAAGGGGGGAAGGGGGAGT
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>SEQUENCE:7514:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7516:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7517:prostate_MPM2000-004P6_Table5

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GGACAAAGAAAAGCAAAAGGAATCGGTCACTGGTGAGCCACATTTCTAAGACAGTCTTTA
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>SEQUENCE:7521:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7523:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7525:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7527:prostate_MPM2000-004P6_Table5
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>SEQUENCE:7530:prostate_MPM2000-004P6_Table5
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Table 7
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>SEQUENCE:7533:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7534:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7535:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7536:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7537:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7538:prostate_MPM2000-004P6_Table5

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AAGTGTCTCAGACCAGCATTGGGGCGGCCATAGGAAGCCAAAGCCACACCCAGCACCACCTT
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>SEQUENCE:7544:prostate_MPM2000-004P6_Table5
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GAGACCAGCCTGGGAACATGACAAGACCCCATCTCTATGGGAGGGGAAAAAAAAAATTGGT
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>SEQUENCE:7682:prostate_MPM2000-004P6_Table5

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TTATACTGAATAATCGACTTAGTTATGCAATCTCAAACACAATTAGACTCATAGAATTTA
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>SEQUENCE:7683:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7686:prostate_MPM2000-004P6_Table5

Table 7
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Table 7
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Table 7
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Table 7
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>SEQUENCE:7730:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7731:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7732:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7733:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7734:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7735:prostate_MPM2000-004P6_Table5

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GAAGTAAGTCAAATGTATACATTTTACAACCACATATTAATAGAATTAGTTTTTCTTT
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GGCCGAAACACCCTTCACTTTAGTTTGAACAGTTTGGGTATTAGTATACACAAGTGCC
TGGAAGAACTGACACAAATCTTCTTTAGAGAAGAGTATTTTAAACACAGACTTCCCAGAA
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CAGTTTATTTCTTTTCAATAATCAAGACCCCTGTCATTTTAAAGTCTCCAATAAATCCA
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>SEQUENCE:7743:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7744:prostate_MPM2000-004P6_Table5

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TCTGCCTCCTGGGTTTAAGCAATTCTCCTGCCTCAGCCTCCTGAGTAGCTGGGATTACAG
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>SEQUENCE:7746:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7751:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7752:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7753:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7756:prostate_MPM2000-004P6_Table5
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GGTCACTCAACAGTCAGCTTCTGGGCTATCGTCTCATTTTCTTTGCAAATGCTTTACTCT
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>SEQUENCE:7794:prostate_MPM2000-004P6_Table5
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>SEQUENCE:7798:prostate_MPM2000-004P6_Table5
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CATCCACTAAAAGACACCATTTCTGGGACATAAAACAAGCCTTGGTAAATAAAAAAAAAAA
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>SEQUENCE:7800:prostate_MPM2000-004P6_Table5

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GTTGCCCAATGTCCTCTGGAGTTTTCCATCCAAGACCCCATCTTTTTTTTCCCTTTCCC
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>SEQUENCE:7802:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7803:prostate_MPM2000-004P6_Table5

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CTTTGGAATTAATAATTTAACACAGTCAAAAATAATTAATTCAAAAAGAAAAGAGC
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ATACCTGTAGTCTCAGCACTTTGGGAGGCCAAGGCAGGACAATAGCTTGAGGCCAGAAGT
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>SEQUENCE:7805:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7808:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7824:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7840:prostate_MPM2000-004P6_Table5
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>SEQUENCE:7845:prostate_MPM2000-004P6_Table5
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TACTGTACT

>SEQUENCE:7860:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7861:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7863:prostate_MPM2000-004P6_Table5

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Table 7
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CATCGTAAAGTAACACGGCTGCGCCCACTGCATCCACCTTGTAGGAGGTTCTTGCCAATG
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>SEQUENCE:7876:prostate_MPM2000-004P6_Table5

Table 7
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CAAAAAAATCAAAAGTATTTGAATTTATGGAGATAACCAAGAGGCATTCCGACCTGGAG
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>SEQUENCE:7877:prostate_MPM2000-004P6_Table5

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ATTTTCACAAAGTAGATATATTTCTTTCTCATTTTAAGGAAGATGACTTGGAGATATGACA
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AACCTGCGCTTAGTGTGGCTCCAGGTTTTACAGGTGGCAACAAAATATGATGATTCAACA
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>SEQUENCE:7878:prostate_MPM2000-004P6_Table5

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GTTGGGCATAATTTACATGTAAATAATGCCAGGAAAAAACAAACAAAAAGGCCCAAAG
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>SEQUENCE:7879:prostate_MPM2000-004P6_Table5

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Table 7
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GCCTCATTACAAAAATATTCAAACATACCTCGGTATAAAAATGAATGATCCCCTATCCCA
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>SEQUENCE:7883:prostate_MPM2000-004P6_Table5
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>SEQUENCE:7885:prostate_MPM2000-004P6_Table5
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>SEQUENCE:7886:prostate_MPM2000-004P6_Table5
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Table 7
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>SEQUENCE:7887:prostate_MPM2000-004P6_Table5

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TGTTTGTCTAGAGTCTGGAATCAGCCACTTATGCCAATAACCCTGATTACTTTTGGTCA
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>SEQUENCE:7888:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7889:prostate_MPM2000-004P6_Table5

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CCTTTCTAGTAACAAAAGGGAACCTAACAGAGTTTGGGAGAGTGGGGCAGGAGACAGTA
GACTGTCTGATTTAAAGAAAATTAATCTAGTAAAAAAAATTAGCCGGGCATGGTGGCT
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>SEQUENCE:7890:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7891:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7892:prostate_MPM2000-004P6_Table5

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Table 7
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AATAATTACAAACTACTTATGTAGTATTGTTACCTGATAATAGGAAGTGTACCAAAGTAT
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>SEQUENCE:7893:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7894:prostate_MPM2000-004P6_Table5

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TGGATGGATTAGTTTGTGGTTCCTGGGATCTTCTGTGTATTCTGTTGAAGCTCAATAATC
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>SEQUENCE:7895:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7896:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7897:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7898:prostate_MPM2000-004P6_Table5

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Table 7
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AGCCTCAAAGCAACACTAAGAAGAAAATGAAACATCTTTAACATGTAAGAATTTTTTTTA
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>SEQUENCE:7899:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7900:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7901:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7902:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7903:prostate_MPM2000-004P6_Table5

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Table 7
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>SEQUENCE:7904:prostate_MPM2000-004P6_Table5

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Table 7
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TGACAGCAAACATATTCATCTTAACACATGTGAAAGGGCTTACTTCACTTATTAATGGA
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Table 7
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>SEQUENCE:7937:prostate_MPM2000-004P6_Table5
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>SEQUENCE:7938:prostate_MPM2000-004P6_Table5
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TCTCCCAAATCTACTCTTAAGATTCTACTGGGCCAGGCACGGTGGCTCACGCCTGTAAC
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Table 7
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TATCTCTTGCTGCCAGGTCATTAGACACGGAGTAGAATGTTATCCTGCCCTGTTCAATTTG
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TATTTTGTTGCATTTAAAAAATTTAAATGATGGTCAAAGGGTACAAAATCTCCGACAGGA
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>SEQUENCE:7946:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7948:prostate_MPM2000-004P6_Table5

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CAGGTCTTCCACACATTCAAGAAAAAGAGAAAATCTTTCTGTTGAAAACCTTTGGCCACA
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CACCTGAGATCAGGAGTTCGAGACCAGCGTGGCCAACACGGTGAACTCTGTCTCAACCA
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Table 7
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TATTCAAGCAACTGCTCAAGCAACTTGCTCCCTTCTTACAATAATCTTGGATATCTTATG
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>SEQUENCE:7956:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7957:prostate_MPM2000-004P6_Table5

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GGGTGGATCACGAGGTCAGGAGTTCGAGACCAGCCTGGCCAACATGGTGAAACCCCATCT
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AGACTCTATTTAGCTTTTCTATTTTTAATGTTTCAAGCTCTTTTACTCTCTGATATT
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>SEQUENCE:7959:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7961:prostate_MPM2000-004P6_Table5

Table 7
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>SEQUENCE:7962:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7963:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7964:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7965:prostate_MPM2000-004P6_Table5

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>SEQUENCE:7966:prostate_MPM2000-004P6_Table5

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Table 7
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CAGTAGATGGAAGAAATGGATTATTTACCAAATGGTCTTGGAAAAGCTGGCAAGCTCCTCC
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Table 7
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Table 7
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>SEQUENCE:8091:prostate_MPM2000-004P6_Table5

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2781/3129

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Table 7
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Table 7
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GAAAACCTGGCGTTACCCAACCTAATCGCCTTGACGACATCCCCCTTCGCCAGCTGG
CGTAATAGCGAAGAGGCCCGCACCGATCGCCCTTCCCAACAGTTGCGCAGCCTGAATGGC
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>SEQUENCE:8146:prostate_MPM2000-004P6_Table5

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Table 7
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TGCAGTGGGAGTCCTGATCTCAGGCCAGGGAGGGGACGTGCAATGGTGGTCCAGACCTGG
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AGCCAAGATCATGCCACTGCACTCCAGCCTGGGCGACAGAGTGAAACCCTGTCTCTAAGA
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CTTCTCTTCTACTATTCACATAGTTTTTGTATGCTAGAACATTGGACACATTAATAACT
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ATCGATTGAGGATTAACCACTATTGAGTGCTAGGCAAAAAAAAAAAAAAAAAAAAAAAAAA
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>SEQUENCE:8153:prostate_MPM2000-004P6_Table5

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CATTTATCACAGGCCTAAATGGAGAACATAACGCTATAAAACCCTTAGATAAAAAACACAG
GAAAATTTGTATGGCCTGGGGTTGGGCGAAAAGTTCTTAGACATGACACCAAAGCATGA
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GGTGGAGTTTCGAGAGCCCTAATTAGTGATGAACTTATAACATCGTATGGGGTCATCGC
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Table 7
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Table 7
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>SEQUENCE:8162:prostate_MPM2000-004P6_Table5

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>SEQUENCE:8163:prostate_MPM2000-004P6_Table5

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GCTACACGCATACTTACCTATACTTAGTTTTCTGTTGATCATTTATTCAAAAAATAAATGCC
TGCTATGTACAGATAAAATACAAAGATGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGC
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>SEQUENCE:8164:prostate_MPM2000-004P6_Table5

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>SEQUENCE:8165:prostate_MPM2000-004P6_Table5

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>SEQUENCE:8166:prostate_MPM2000-004P6_Table5

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>SEQUENCE:8167:prostate_MPM2000-004P6_Table5

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Table 7
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>SEQUENCE:8169:prostate_MPM2000-004P6_Table5
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Table 7
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ACTCGCCTTCCAGGAGGTGCCAGAGCAAGGGGGTAGTCTTGCCTATAAACTGCCCCTCT
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>SEQUENCE:8173:prostate_MPM2000-004P6_Table5
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>SEQUENCE:8174:prostate_MPM2000-004P6_Table5
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>SEQUENCE:8175:prostate_MPM2000-004P6_Table5
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GGAACCAGGAAAGGATCCCTATCCCCACCTTTCCTGCCGACCACTGTCACCTATTTTCACA
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ACCCGGGCTTGATGGCACATGCTTGTAAATCCCAGTTACTCGGGAGGCTGAGGCAGGAAAA
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GA CTGCCCCAAGCGTGGTTGACCCCCCTGGACCACACCAATGTCACTGCGCCCCAAGCCTCC
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G
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>SEQUENCE:8257:prostate_MPM2000-004P6_Table5
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Table 7
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AGCGAGACTCCGTCTCAGAGAAAAGGATCAAAGTAAGAATTAAGGCCTACGCCCCCGGG
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>SEQUENCE:8306:prostate_MPM2000-004P6_Table5

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G

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ACCTGGCCTAGGAAAGGCATCTCCCATGTGCTGGGCTCCATAACTAACTCTTTTCACTAA
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>SEQUENCE:8323:prostate_MPM2000-004P6_Table5

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>SEQUENCE:8324:prostate_MPM2000-004P6_Table5

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>SEQUENCE:8327:prostate_MPM2000-004P6_Table5

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>SEQUENCE:8341:prostate_MPM2000-004P6_Table5
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Table 7
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>SEQUENCE:8369:prostate_MPM2000-004P6_Table5
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Table 7
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GCAATCTCAAATGAAGGTCCATCGTTTCATTTTAAATCTCTAAATGAATTCATATAAGAC
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AAAACATTCTTGGCAAATGCGTTTCGGTCTGGTACGTCTTGCGCCCGTCCAAGAATTTGA
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>SEQUENCE:8380:prostate_MPM2000-004P6_Table5

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CACTTGACTGACTTCAAACTTACCGAAAAGCTATAGTAATTAACAATATGATACTG
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>SEQUENCE:8404:prostate_MPM2000-004P6_Table5
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Table 7
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Table 7
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>SEQUENCE:8480:prostate_MPM2000-004P6_Table5

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Table 7
2844/3129

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Table 7
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Table 7
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>SEQUENCE:8591:prostate_MPM2000-004P6_Table5
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Table 7
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>SEQUENCE:8610:prostate_MPM2000-004P6_Table5
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Table 7
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>SEQUENCE:8734:prostate_MPM2000-004P6_Table5
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>SEQUENCE:8849:prostate_MPM2000-004P6_Table5

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>SEQUENCE:8850:prostate_MPM2000-004P6_Table5

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>SEQUENCE:8857:prostate_MPM2000-004P6_Table5

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>SEQUENCE:8971:prostate_MPM2000-004P6_Table5

Table 7
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>SEQUENCE:9007:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9008:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9009:prostate_MPM2000-004P6_Table5

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CTATAGTGAGTCGTATTACGCGCGCTCACTGGCCGTCGTTTTACAACGTCGTGACTGGGA
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CCCCAAATAACATGATCCACATTTCTATAGCGATTATTACCTTGTTTCTTTAATATTTT
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AGGAAATAAGGTAGGTCAGAAGCGAGGCCCACTTTCCCTTCCCCTGGTTCACAGAGAGGT
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CCATGTTTGCATCTACATTGCCTGTACTTTATGGAATTCTGGTTCTTGGTGATATTTG
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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ATCCCCCTTTGCGCAGCTGGCGTAATAGCGAAGAGGCCCGCACCGATCGCCCTTCCCAAC
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>SEQUENCE:9110:prostate_MPM2000-004P6_Table5
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ATCGAGCTGGCTGCACTTCCCCCAGCGTACAGGAGGAGCACGGGCAGCTGCTTGCGCTA
CTGGCAGAGCTGCTGCGAGGACCCTGTGGCAGCTCTGATGTGCGCAAGACAGCTGACGAC
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>SEQUENCE:9111:prostate_MPM2000-004P6_Table5
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>SEQUENCE:9112:prostate_MPM2000-004P6_Table5
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Table 7
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>SEQUENCE:9113:prostate_MPM2000-004P6_Table5

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GACTATCTACTGTGAATTTACCATTGACAAAGCTATACTTCAGGAACAAAAGAAAAATA
AAGATATTCAGACAAAGGAAAACAAAATAATTTGGCACTATAAGACCTACCTTTAAA
TATTAGCTAAAGGAAGTTCTTTAAACACAATGGAATAATTTTTAAAAAGGAATCCTAAG
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>SEQUENCE:9114:prostate_MPM2000-004P6_Table5

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TTTAGGACTGGTAATCCAACAGGGACTTACCAGAATGGTTATGATAGCACTCAGCAATAC
GGAAGTAATGTTCCAAATATGCACAATGGTATGAACCAACAGGCATATGCATATCCTGCT
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>SEQUENCE:9115:prostate_MPM2000-004P6_Table5

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ACTCCAGCCTGGGTGACAGAGTCAGGCTCCATCTAAAAACAAAAGATTGTCACAATAGCA
GTTAACAAACACAAAAACATTTCTAGTTATAAGAACCTTACCTGGAACTGGAAAGCAG
GAGACAGCCAAGCCGTTTGCTTTCTGCTAAATCGACACTGATAGACCGGCTGAGCTCTAA
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>SEQUENCE:9116:prostate_MPM2000-004P6_Table5

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GAGGAATCATCTTTGCATTCTATATTATGTATTTACAAATTCACACTTAATAACACTTTT
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>SEQUENCE:9117:prostate_MPM2000-004P6_Table5

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AACCATGTTTCCATCAACAACGGACTGCATATACAGTGAGGATCCTGTAAGATTATAATA
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GTAATG

>SEQUENCE:9118:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9119:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9120:prostate_MPM2000-004P6_Table5

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CCCCGACTTTACTAAAATTAACCAGGCATGGTGGCGGGCGCCTGTAATTCAGCTATTCA
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TTAGTTCTCTTTCTTCTCCCTTTCTTTATCTTCTCTCTCTCTCTCTCTCTCTCTCTCT
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>SEQUENCE:9124:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9125:prostate_MPM2000-004P6_Table5
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AACTATGAGCATCTCAAAATAAAATTTAACTGTAAATACAAAAAAAAAAAAAAAAAAAA
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A
>SEQUENCE:9126:prostate_MPM2000-004P6_Table5
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>SEQUENCE:9130:prostate_MPM2000-004P6_Table5
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TGACCTTTTTAAAGCTCTCCAAGGATGACAGCCAGGGTTGCAAAGCAATGAAATATACC
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>SEQUENCE:9138:prostate_MPM2000-004P6_Table5
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TCCCCTGGATCTGCATACAAAGGAAGGAAAACAAAAGGGAAAGGGGGTTCTCTTTAGAAT
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Table 7
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>SEQUENCE:9145:prostate_MPM2000-004P6_Table5

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CATAGAAAACCCTAAAGAATCCACACACACGAAAAAACCTATCAGAGCTAATAAATGA
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TAAATTCATTTTTAAGTATAACAAATGTGACATGACATGAAAAATTCTAGAATAGATAC
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>SEQUENCE:9147:prostate_MPM2000-004P6_Table5

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GCCTCTGCTGGGGCTTCTGCCAGTTGATAAGATGAGGCAAGATTACTTAATAAGGTTTCT
TAGGTAACCTACGTCACCTGCCTGCCTTGTGATTGTTGGGATCCTTTGTAACCAAGCC
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>SEQUENCE:9148:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9149:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9150:prostate_MPM2000-004P6_Table5

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ACAAACAAAAATCTAAAATCATAGGAGTAATATTTTCCCAAGACTGGTTGTTCTCATATT
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>SEQUENCE:9151:prostate_MPM2000-004P6_Table5
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TAGTTTCAGACACTA

>SEQUENCE:9195:prostate_MPM2000-004P6_Table5

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CAGCCATCAATATATTTTCGTTATTTCTTTGTAGGTAATCTGGCTTTTGTCTCTTGATGAT
TCTATAGTTTTCCCTTTGCATTTGATGTATGGTAGTTTCACTCTGATGTGTGCACACCAGA
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>SEQUENCE:9196:prostate_MPM2000-004P6_Table5

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TCTCACTTTAAATTATAAGCTCAAAACGATTACACTGACTGATGAAAGCATGTGACCAAA
ACATGATTAATCTTGGCGAGGAAGGCTGGGAAGGACAACATTTAGGCATCACATACCAAA
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>SEQUENCE:9197:prostate_MPM2000-004P6_Table5

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CACTGCACTCCAGTCTGGCAACAGAGTGAGACTCTGTCTCAAAACAAAATAAAAAACCC
CCAAACCAAACAACATCAACAACAATAAAAGAGTAACTGAATGGAGATGTGTGTGTGA
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>SEQUENCE:9198:prostate_MPM2000-004P6_Table5

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ATAAAGAATGACCTGGTACAAANGCCAAANAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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CCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAATAGGGGGGCCACCCCGGGGGGAACCCAAAT
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GCTACTTGGGAGGCTGGGGCATGATAATCCAAGAGACGGAGGTTGCACTGAGCTGAGATC
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TTGGCTCTCCCTATTCCACAACCAGTGCACAGTTTGACACAGTGGCCTCAGGTTACAGTG
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>SEQUENCE:9220:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9221:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9222:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9223:prostate_MPM2000-004P6_Table5

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C

>SEQUENCE:9225:prostate_MPM2000-004P6_Table5

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ATCATCTATAACAGCCCTGTAAATTCCTTTAAATGATAACTAACAGGACAGTTTGACCA
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>SEQUENCE:9226:prostate_MPM2000-004P6_Table5

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GCGAAGAGGCCCGCACCGATCGCCCTCCCAACAGTTGCGCAGCCTGAATGGCGAATGGA
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>SEQUENCE:9227:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9228:prostate_MPM2000-004P6_Table5

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TAGTGAAACTCTGTTTCTACTAAAAATACAAAATTAGCCAGGTGTGGTGGCATGCGCCT
GTAATCCCAGCTACTCAGGAACCTTCTTTTATGATTAAATACAAATCAAATCAGAGA
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GGCTGGGATCGCTCCTTTTACCAAGAGCAAGCAGAGGCCACTGGAGGAGTTTAAAGAACA
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>SEQUENCE:9230:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9231:prostate_MPM2000-004P6_Table5

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TACTTCTAGAATTAATTAAGGTGGGCTGAAGATGGATCCCCCAAGGATACAACTGCAGA
GGGTGGTAGAGAAGCCCAAAGATACGAGAAAGGAAGAGAAGGGAAGAATGGGATGATCCA
GACTTCAGAGTTGCAGAAGTCAAAAAGTGTGGGCTCTGAGGTGGAAGAGTGATGAGCACT
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>SEQUENCE:9232:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9239:prostate_MPM2000-004P6_Table5

Table 7
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>SEQUENCE:9240:prostate_MPM2000-004P6_Table5
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>SEQUENCE:9241:prostate_MPM2000-004P6_Table5
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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Table 7
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A
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ACCCAAGGCCCCAGAGATTTTCTCCTATGTTTTATAGATTTAGAAGTTTTATAGTTTTAG
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>SEQUENCE:9529:prostate_MPM2000-004P6_Table5
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CAGCTGCTGGCAGGGAAACTGTCTTCTTTTCTCCAAGATGTACAGAACCAAAGTGGGCT
TGAAGGACCGCCAGCAGCTCTACAAGCTGATCATTAGCCAGCTGCTATATGACGGCTACA
TCAGCATCGCCAATGGCCTCATCAATGAAATCAAGCCTCAGTCTGTGTGTGCACCCTCGG
AGCAGCTCCTGCATCTCATCAAACCTCGGTAGATTGTGAACACAAATCCATACGTCCCATG
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GCTCAATAAGTAAGGGGTAAAGCAA
>SEQUENCE:9530:prostate_MPM2000-004P6_Table5
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GCCGGGCGTAGTGGCGGGCGCCTGTAGTCCCAGCTACTTGGGAGGCTGAGGCAGGAGAA
T
GGCGTGAACCCGGGAGGCGGAGCTTGCAGTGAGCCGAGATCCCGCCACTGCACTCCAGC
C
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CCCCCCCCGGGGGGAACCCAAATCCCCATTGAGGGAGGATTTTGGGCCCCCTACGGGG
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CATGTTTAAATAATGGGTTATAAGATATTATTTGCAAGCCTCGTGGAACCTCAAATCA
AAAACCTACAACAGTTACAAAATACATAAATAAATAAAGGCAAGAAGTTAAACATACCA
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CTAGCTACTTGGGAGGCTGAGGCAGGAGAATCGCTTGAACCTGGGAGGCATAGGTTGCAG
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>SEQUENCE:9535:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9536:prostate_MPM2000-004P6_Table5

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ATACAAAAATTAGCCAGTTGTGATGGCGGGCGTATGTAGTCCAGCTACTCGGAAGGCTG
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>SEQUENCE:9537:prostate_MPM2000-004P6_Table5

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AATAAATGCATTAATTGGAAGGACGGGGCAGTTTTTAGACGCGTGTGTTTACGCGTAGC
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>SEQUENCE:9539:prostate_MPM2000-004P6_Table5

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GAGGCTGCAGTGACCCAAGATTGTGCCACTGCACTCCACCCTGGGCAACAGAGCAAGACC
CCATCTCAAAAAATAAATAAATATATATAAAAAATAAAAAGCTATTTCTAGTTTATTTCA
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>SEQUENCE:9540:prostate_MPM2000-004P6_Table5

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GCTACAGACCTATACAACATATTAATGCACTGAACAGCAACTGTAACATAATGGCAAGTA
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>SEQUENCE:9541:prostate_MPM2000-004P6_Table5

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GTTCTCCACAGTGAAAAAATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACGGCCCCCCCCCGGGGGGGGAAACC
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>SEQUENCE:9542:prostate_MPM2000-004P6_Table5

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TTAAAACGCCTACAGCTGCCTCCTAGAATATAAACTGTCTGTATCATTATTCACCTATAA
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>SEQUENCE:9543:prostate_MPM2000-004P6_Table5

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ATTGCATCCAATGCTGGCAGCATTGCATGATTCTCCAGTGATTTGTAAAAAATAAAAA
AAA ACTCTGCCGCAGGAAAATAGATTAGAACCCAAAAAGAGGGCGGCCACACCGCCGAG
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ACGTCGTGACTGGGAAAACCCTGGCGTTACCCA ACTTAATCGCCTTG CAGCACATCCCCC
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GAAAAAGGAAAAAACAAGCTGCCCGCCGCCGTGGGAAGAGTCCCAAGACCCTATCA
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TACCTCACAGATTATTGGGGGTATTAATGAAATTTATCCTTTGAGTTTGCTTTTTTAA
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>SEQUENCE:9551:prostate_MPM2000-004P6_Table5

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AAAAAA

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TGTTGCACATTTGGGGCAAGTACACTCGTTTCGTAGAATTACGTTACATCCATCTGTCATC
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>SEQUENCE:9555:prostate_MPM2000-004P6_Table5
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>SEQUENCE:9556:prostate_MPM2000-004P6_Table5
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>SEQUENCE:9557:prostate_MPM2000-004P6_Table5
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>SEQUENCE:9562:prostate_MPM2000-004P6_Table5
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CTTTTCAGACAGTACATATCTTAGGCTTTGGGGAGGACATATAATCTTTGTTGAAACGAT
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>SEQUENCE:9563:prostate_MPM2000-004P6_Table5
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>SEQUENCE:9564:prostate_MPM2000-004P6_Table5
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>SEQUENCE:9675:prostate_MPM2000-004P6_Table5
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>SEQUENCE:9676:prostate_MPM2000-004P6_Table5
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Table 7
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>SEQUENCE:9687:prostate_MPM2000-004P6_Table5

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Table 7
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>SEQUENCE:9702:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9707:prostate_MPM2000-004P6_Table5

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Table 7
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Table 7
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Table 7
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Table 7
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>SEQUENCE:9808:prostate_MPM2000-004P6_Table5
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>SEQUENCE:9834:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9842:prostate_MPM2000-004P6_Table5
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>SEQUENCE:9845:prostate_MPM2000-004P6_Table5
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TAATTTTAAACATTCACCTTAGCACCTATGAGTAATTAACAGGCATCATCAGAGAATATT
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>SEQUENCE:9847:prostate_MPM2000-004P6_Table5

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TGCAGCAAGTATTCGGTACGAGGCTACCCACGTTATTGCTTTCCGAGGAGGGAAGAAA
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CTGCGTTTAGGAGTTCAGTCCCACAGAGGCCACTGGGTTCCAGTGGTGGCTGTTGAGAA
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>SEQUENCE:9848:prostate_MPM2000-004P6_Table5

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ACTGGGAAAACCTGGCGTTACCCAACCTTAATCGCCTTGCAGCACATCCCCCTTCGCCA
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>SEQUENCE:9849:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9850:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9851:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9852:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9853:prostate_MPM2000-004P6_Table5

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ATCTCCACTTGTGTAGTTCATGATGTACAGAAAATCTTTAGGCTGAACTTAAATATAT
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>SEQUENCE:9854:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9855:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9856:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9857:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9858:prostate_MPM2000-004P6_Table5

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>SEQUENCE:9859:prostate_MPM2000-004P6_Table5
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>SEQUENCE:9880:prostate_MPM2000-004P6_Table5

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Table 7
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Table 7
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>SEQUENCE:10022:prostate_MPM2000-004P6_Table5

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CTCCTCAAAATTGTTATTTTGAAGCCCTAAACCTCTGTGAGGCTGAATTTGGAGGTGGAG
ACTTTAAGGAAGTAATTAAGGTTAAATAAAGTCATAAGGGTGGGTCTGATCACATAGGA
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TGAGGTCAGGAGATCGAGACCATCCTGGCTAACACGGTGAAACCCTGTCTCTACTAAAAA
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GTAAGCATTTTGTCCAGAGAATATTCTTCTTAGGGAACATAACATTCCAATGATAATGG
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GATGGTGTCAATTGTGTCCAAGTGTGACAGAATTGTTAGTGTGTAGTGTCTGTCTCCTATC
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>SEQUENCE:10025:prostate_MPM2000-004P6_Table5

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AGCTGAGATCATGCCATTGCACTCCAACCTGAGCGACAAAGATTCCATCTCAAAAAAAA
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CATCAGTTTCTGCTACCACAGAATCAGGTTTTCCGTAGTAGATAAAGACTCTCTGGTGCT
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>SEQUENCE:10039:prostate_MPM2000-004P6_Table5
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CGCCACCGCGGGGGAGCTCCAATTCGCCCTATAGGGAGTCGAATTACCCCGCTCACTG
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AATAAAGCTGGAGTGGCTATCTGAATAACAGAGAAAGTATACTTTAGAACAAAAAATATT
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>SEQUENCE:10042:prostate_MPM2000-004P6_Table5
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CACTCTGGCCTAGGCAACAGAGCAAGACTCTGTCTCAAAAAAAAAAACCAAAACCAAAA
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>SEQUENCE:10043:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10044:prostate_MPM2000-004P6_Table5

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TGCTCTGTACTCACTAATGAACTGTAAATTATAAATGTGCCATGTGCTCTCCCCCTACTG
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AAAAATACTCCAAACAGTATCTGAAGTGTTACATGAAAAAAGATTGTTTGCTCAAAAA
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>SEQUENCE:10048:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10053:prostate_MPM2000-004P6_Table5
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>SEQUENCE:10066:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10067:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10068:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10071:prostate_MPM2000-004P6_Table5
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>SEQUENCE:10072:prostate_MPM2000-004P6_Table5
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CCTCTCTCAGTAATCGATACATCAAACAGAAAGAAAACAGTAATTGACCTAAACAGAAGT
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>SEQUENCE:10077:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10089:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10146:prostate_MPM2000-004P6_Table5
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CGTATGTGTTCTGATTTGCAACTGAGTTAATTAGAAATCAGTAACCATGAAAAATCTCT
AAATAAATTAATAAGAAAAAGCCCACTAGTAAATAACTCATTGATCTANNAAAAA
AAAAAAAAAAAAAAAAAAGGGCCCCCCCCCGGGGGGGCCCCCATTCCCC
>SEQUENCE:10147:prostate_MPM2000-004P6_Table5
GGGGGGGGGGCTTATGTTTTACTTAATTAACAAACACTGGGTTCGGGGCCCCCCTCGA

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GAGTACTTCTAGAATTAATTAAGGCGGGAATGGAATATTATTTGGCCATAAAAAGGAAGG
AAATTCTGACGCATGCCACAGCCTGAGTGAATCCTACAAATATTACGCTAAGTGAAAGAA
GCCAATCACGAGTTTATGTGAAATGTCCATAATAGGCAAATCTGTGTATCATAGACAAAG
CACATTGGTGGTTGCCAGGTACTGGAGGAAGAGAGAAGAGGCATGACAGCTAACAGGGAC
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>SEQUENCE:10148:prostate_MPM2000-004P6_Table5

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GCTGAGGCAGGGGAATCACTTGAACCTGGGACGCGGAGGTTGCAGTGAGCCGAGATTGTG
CCATTGCACTCCAGCCTGGGCAACAAGAGCGAAGCTCTGTCTCAAAAAAAAAAGTATTAAT
CTGAGATACACTTTAATTTTTTTGGTGTACATCTTTGACAATCTAATAAATTCGCATTC
AGTTTCAGCGGGTTCATGTTACCTTAGTAATTCTTGAGTGTCTTAAGAGTAAAGCTGGCC
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CC

>SEQUENCE:10149:prostate_MPM2000-004P6_Table5

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GGGCTGTTTCATGTGTAGCCTACTACAGAACTATTAGACCTATACACATTTATATGAATAT
TTATTTGAAAACGTATAATATCAACAATGTAAAAACCAATAGAAATCTCAGATAATTGA
ATGTATAGAACTAGCAGCTTGAAAGTGATTAGTTCATTATTTGCTGATCAAGCGGAAAA
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>SEQUENCE:10150:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10151:prostate_MPM2000-004P6_Table5

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AAACCCCGCAAAAAACCAACCCTGGGTCCCCGAGGAAAAACGTGTTTTCCCACCAGCCA
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GCTAGGGGTCCCCCAAAGCGTGCAAAGGCCCATGAGGGGAAGGTGAGGCCCTGGGGC
T

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>SEQUENCE:10152:prostate_MPM2000-004P6_Table5

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ACGTGCCCCACACTGTGGCTTAGGATACTTATTGGGGTATAATGAAAATCTTACTGAAAG
TTAATTTACATTCTTACACCCCAAAATCTGCATTGCCATTGATGCATATGCACCACATT
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TCCATGAAGTGAAAATACATAGTAAGAATGCGAGAAATATAAATCAGGCCAGGCACGGTG
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>SEQUENCE:10153:prostate_MPM2000-004P6_Table5

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AAATAAAAAAAAAAAAAAAAAAAAAAAGCGGCCGCCACCGCGGGGAGCTCCAAT
TCGCCCTATAGTGAGTCGAATTACGCGCGCTAACTGGCCGTCGTTTAACAACGTCGTAAC
TGGAACAAACCCTGGCGTTACCAAACTTAATCGCCTTGCAGAAAATCCCCCTTTCGCCAGC
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>SEQUENCE:10155:prostate_MPM2000-004P6_Table5

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TTGGGCAAATCTAAGAGTTATTGGCCAGTAGAGAGAGAGATAGCAGAGTAGAAAGTTTAT
TCAAAGGGATAATCACAGAGAACTTCCCAAACCTAGAGAAAGACATCAATATTCAAGAAC
AAGAAAGTTATATAAAAACAAGCAGATTTAAACCTTATTAAATAAGACTACCTCAAGACA
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>SEQUENCE:10156:prostate_MPM2000-004P6_Table5

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GCATCTCCACTAAAATAACAAAATTAGCCTTGTGGTGGTGGGCACCTGTAATCCCAA
TGACTTGGGAGGCTAACGCAAGAAAATTTCTGAACCCAGGAAGCAGAAGTTGCAATGAC
CAGCAAGGTTGTGCCAATGCACCCCAACCTGGGCGATAAGAGTGAAAACTCCATCTCTGA
AAAGTAAGAAGCAGAAAAAAAAGACGGGCTCCGAAACAAAGGGCTAACGGCAAATGTC
CAAACCTAGAAGAAAATTGGCCCATATAAGCGCGATTTAAAATGAAAATATTGTCAAGAG
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>SEQUENCE:10157:prostate_MPM2000-004P6_Table5

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GGGCCCCCTGTATCCCCACTTCCGGGGGAGGTTAAGGCAGAAAAAGGGCTTAACCCCGGA
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>SEQUENCE:10158:prostate_MPM2000-004P6_Table5

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TTTTTAAAAATCAACAAGAGATCTGAATTAACAGTTCTCAAAGAAGATACACAAAAGGC
CAATAAGCATGAAAAGGTTCTCAACATCACTAGCCATCAGGGAAATGCAATGAGATC
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>SEQUENCE:10159:prostate_MPM2000-004P6_Table5

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CAAAGGGGATCTTCCCTTGTGTGTGTCTTGGTGCTGTTCTCTGAGCTCTCACCTTCACAA
TGCTGGATTAGTTCTCACAGGAATCAATTAGCTCTTTCAGGAACAGGTTGGCTTCTTCAC
ACGTGTTTGCTTCCCTCTGACTTTCTACCCTGTTATGGTGCAGCAGAAAACCCCTCACC
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CTTTTCTTTATAAATTATCCAGCCTCAGATATTTTGTTATAATAAAACAAAATGGACTAA
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>SEQUENCE:10160:prostate_MPM2000-004P6_Table5

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CATATTTTTTAACAATTGTATAAGTGCCCAAGTAATCACTACAGCCTAAAGCCTTGCCCT
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>SEQUENCE:10161:prostate_MPM2000-004P6_Table5

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TAAGGCGGGGAAGCGTAACAATTTCTGAGAAGTGTAATAACACAGTGAAAGCCGTGTTTA
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AAATATGGTAACAATTTATTACAATGGCAAGAAATCAGTAATGTTATAAGATACTGCCTA
TAAAGCCTAACATGAAATACTGAAGGTCCACATCAAACCTGGTGGAGGCGGAAAGGTGGAC
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ACGCGTGTAATCCCAACACTTTGGG

>SEQUENCE:10162:prostate_MPM2000-004P6_Table5

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TAAGATAAACATCTGAGTCAACAAACATAAGAAATTAATGCCTTTACAAAATAGAAATTA
GAAAACAGGGTATTTGTAAAAAACAAAAGAACATAGGATATAAGGATTTGAGAGAAATG
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>SEQUENCE:10163:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10164:prostate_MPM2000-004P6_Table5

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TCGGCTCTGATAATACTATTTCATGAAAAGAAAAAGAGGAGGGAGAAGGCACAAATTC
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>SEQUENCE:10165:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10166:prostate_MPM2000-004P6_Table5

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TCAAATACGATTTGTCGAGAAAAAGAACTCGAGGAGCAAAAAGAAAAAGCCGCGGGGAA
GGGGCCCTTGGCCACAGGTGGAATTAAAAAATCTGGCAAAAAGTAAGCTGTTCTTGTGC
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>SEQUENCE:10167:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10168:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10169:prostate_MPM2000-004P6_Table5
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AAATCCCCCTAAAAATTTAAATTAGAATATATGTTAAGCAATGCATTCCAAAAATCTATAC
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>SEQUENCE:10170:prostate_MPM2000-004P6_Table5
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ATAAAATTGTGACATTAGGAAGATGGGACCTTTACGAAGACAGTAGGTAATGAGTTGTA
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TTCTACCGTTTGAGGAAGCTGCCAGAAGGAGCTGTTTTATGAACCAACAAGAGGCTCTT
CCCACAGACCAAAATATGATACTGACTCCGTCTTAACCTACTCATCCTCTGATACTATGAG
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CAAATAAGATGACTGAAAAAACATGAGGACTTTTTCTTCCTTACATGAGAGATTTGCA
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GAGA
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>SEQUENCE:10174:prostate_MPM2000-004P6_Table5
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ACCAACTGACTGAAGAGCATATTGCATAAAAAAAAAAAAAAAAAAAAAAAAAAAGCGGC
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>SEQUENCE:10175:prostate_MPM2000-004P6_Table5
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>SEQUENCE:10176:prostate_MPM2000-004P6_Table5
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CGAACATTAACGCCCCGTCCTTCACCCTAGACCTTGTTATTGCTGAAATCATTAATGG
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>SEQUENCE:10177:prostate_MPM2000-004P6_Table5
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>SEQUENCE:10178:prostate_MPM2000-004P6_Table5
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>SEQUENCE:10179:prostate_MPM2000-004P6_Table5
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>SEQUENCE:10180:prostate_MPM2000-004P6_Table5
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AGGTTATAAAAAAGTACTGCATCAATGTCCATTGGAGAAAAGTGGTAACGTATAACTGAGG
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>SEQUENCE:10181:prostate_MPM2000-004P6_Table5
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>SEQUENCE:10182:prostate_MPM2000-004P6_Table5
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>SEQUENCE:10183:prostate_MPM2000-004P6_Table5
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>SEQUENCE:10184:prostate_MPM2000-004P6_Table5
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>SEQUENCE:10185:prostate_MPM2000-004P6_Table5
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GTAAATCACTTTACCCCTTTTGTCCATAAAGTGTCTGACCACGAGGCACCCCGGAGTC
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>SEQUENCE:10186:prostate_MPM2000-004P6_Table5
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GGAGGCAGAGCTTGCACTGAGCCGAGATTGTGCCACTGCACTCCAGCCTGGGCGACAGAG
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>SEQUENCE:10195:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10196:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10197:prostate_MPM2000-004P6_Table5

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GGAGCTCCAATTCGCCCTATAGTGAGTCGTATTACGCGCGCTCACTGGCCGTCGTTTTAC
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>SEQUENCE:10198:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10199:prostate_MPM2000-004P6_Table5

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GCTCCTAGATAACCCTATAGAGAGGCGTATTACGCNCGCTCACTGGCCGTCGTTTTACAA
CGTCGTGACTGGGAAAACCTGGCGTTACCCAACCTAATCGCCTTGACGACATCCCCCT
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>SEQUENCE:10200:prostate_MPM2000-004P6_Table5

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TTATTAAGTCAGCCCAAGGGATGTATCTTTGAAAGGTGTGATATTCTTGTAGACTCTTT
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>SEQUENCE:10201:prostate_MPM2000-004P6_Table5
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>SEQUENCE:10202:prostate_MPM2000-004P6_Table5
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>SEQUENCE:10203:prostate_MPM2000-004P6_Table5
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>SEQUENCE:10205:prostate_MPM2000-004P6_Table5
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>SEQUENCE:10207:prostate_MPM2000-004P6_Table5
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TAGATCCACATACCAGCTCTGGATGGTCATCTGGAAGTTCAGTGTGAGAGAATACTCTC
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CCA

>SEQUENCE:10208:prostate_MPM2000-004P6_Table5

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GACAGGAGAATGGCGTGAACCCGGGAGGCACAGCTTGCACTGAGCTGAGATCCCGCCACT
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>SEQUENCE:10209:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10210:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10211:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10212:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10213:prostate_MPM2000-004P6_Table5

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GGGTTGACAGTGAGGGTAATAATGAAGGAACCTGGGCTTGCCGATGGCATTGATGGTTATG
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>SEQUENCE:10214:prostate_MPM2000-004P6_Table5
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>SEQUENCE:10216:prostate_MPM2000-004P6_Table5
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>SEQUENCE:10219:prostate_MPM2000-004P6_Table5
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>SEQUENCE:10220:prostate_MPM2000-004P6_Table5
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>SEQUENCE:10221:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10222:prostate_MPM2000-004P6_Table5

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TGACTCT

>SEQUENCE:10224:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10225:prostate_MPM2000-004P6_Table5

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TGTTTCCAGCCTAGCCAGTTTCTACCCTGGGTTGGGTCCCCCAGCATCCAGACTGGAA
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>SEQUENCE:10226:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10227:prostate_MPM2000-004P6_Table5

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TGGTGGCTGCTAGAGCTTTGGCCCCCTGCTTAGGATTATGTGGTCCTCACAGGGGTGGGGC
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>SEQUENCE:10229:prostate_MPM2000-004P6_Table5
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AATAGCAGACACTGGACATCATAGAATTTTGGTCGTTTGGGAAGTAATGGACAAATTCAATA
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>SEQUENCE:10230:prostate_MPM2000-004P6_Table5
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TTTCACATCCGTAAGATTTAAGATATACATTTTTTGAGAGGTAGTCTGTCTGATACAATG
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>SEQUENCE:10232:prostate_MPM2000-004P6_Table5
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CCCGGCGAACATGGTGAAACCCCGTCTCTACTAAAAATACAAAATTAGCTGGGCGTGG
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T

>SEQUENCE:10234:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10235:prostate_MPM2000-004P6_Table5

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GTTCAAGCGATTGTCATGCCTCACCTCCCGAGTAGCTGGGATTACAGGCATGTGCCACC
ATGCCCTGGCTAATTTTTGTATTTTTGTGGACATGGTGGTTTGCTGTGTTGCCAGGCTG
GTTTTGAACCTTCTGGCCTCAAGTGATCCGTCTGCCTCGGCCTCCCAAAGTGCTGGGATTA
CAGGCATGAGCCACCGCACCTGGCTTTCTTAAGATCTAACTTAATGATGTTTTCATTAAG
CCTTTCTGGATGCTCGAATGAAGTCACTGCTCATTACCTGTGCCTCTGCTTGACCTTA
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>SEQUENCE:10236:prostate_MPM2000-004P6_Table5

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TTTTCTTGCTCAAGAGACAACTCTTAGTCTCCTACGCTTCTTTTCTAGTACATGAAACAT
TACCATATGCAGAAAACCATTCGTCTTACCTAGTCATTAAGATGTTACAAATCCTTTAT
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>SEQUENCE:10237:prostate_MPM2000-004P6_Table5

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>SEQUENCE:10238:prostate_MPM2000-004P6_Table5

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GCAGTGAGCCGAGATCAAGCCACTGCACTCCGGCCTGGGAGACAGAATGAGACTCCGTCT
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TAAGTATTTAAAGTAAAAGTAATTAACAATGAACATTTGGGTTTATAATATATGTAGAAA
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>SEQUENCE:365:prostate_MPM2000-004P1Novel007-2-Table2
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>SEQUENCE:2560:prostate_MPM2000-004P1Novel007-2-Table2
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>SEQUENCE:2949:prostate_MPM2000-004P1Novel007-2-Table2
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>SEQUENCE:1563:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1615:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1660:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3372:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3600:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3674:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3807:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:4113:prostate_MPM2000-004P4Novel007_8Table3
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CACACAGGAAGCACAAAAGGAAGCACAGAGATCCCTGGGAGAAATGCCCGGCCGCCATCT
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>SEQUENCE:4277:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4282:prostate_MPM2000-004P4Novel007_8Table3

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ACACGCATTGGGCGCGCCGGGACTGTGAGACGACAGGCTGTGGATGTGTCCCCCTGCGC
CGTGTGAACCAGGCCATCTGGCTGCTGTGCACAGGCGCTCGTGAGGCTGCCTTCCGGAAC
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>SEQUENCE:4445:prostate_MPM2000-004P4Novel007_8Table3

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ACGGCAATAGCCAATTGGAACCTACTTATTCTTGAACCTCAATTTTGGTTTCTTTAAAT
TTAAAAAGTGACTTACTGGTTTTACTATTTATACTAACACCCCCCGTTTCCCCATTTA
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>SEQUENCE:4449:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:4484:prostate_MPM2000-004P4Novel007_8Table3

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TGTCATGGAGAACTTCAGCTGGGCCAGAGATTCTGCAGCGGGAATCCAAGGCTTAT
TTATGCCAGGCTGAGTGGATTTGGCCAGTCAGGAAGCTTCTGCCGGTTAGCTGGCCACGA
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>SEQUENCE:4833:prostate_MPM2000-004P4Novel007_8Table3

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AGATGTCTGTAGTCTTTCTTTGCTGCACTGAGTACCTCGGCCGCTCTAGAACTAGTGGAT
CCCCCGGGCTGCACGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGC
CCGGTACCCAACCTTTTGTTCCTTTAGTGAGGGTTAAATGCGCGCTTGGCGTAATCATGG
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Table 7
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>SEQUENCE:4908:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5025:prostate_MPM2000-004P4Novel007_8Table3
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CCCGCG
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>SEQUENCE:5051:prostate_MPM2000-004P4Novel007_8Table3
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GCCCCCCCATTCCCCTTTTCCAAAAATTTGCCACCTTAATGGGCAATGGGAATTTTTAA
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Table 7
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>SEQUENCE:5214:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5224:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5227:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5230:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5234:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5239:prostate_MPM2000-004P4Novel007_8Table3
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CTATTGAACGGCTTTTTTGGAGACTGGCTTGAACGCGCAGCACGTCTTGAGGAACAGGC
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ACCAGGAGATTCTTTCGCTCATCTAGATGAACACACTGGACTTATATACAGCTGGACATG
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GGAGACCAGGAAGATCTGCATGGTGGGAAGGACCTGATGATACAGAGGTGAGAAATAAGA
AAGGCTGCTGACTTTACCATCTGAGGCCACACATCTGCTGAAATGGAGATAATTAACATC
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>SEQUENCE:5369:prostate_MPM2000-004P4Novel007_8Table3
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Table 7
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GATCTGAAGGGTGTTCCTCAATGAGAATGACACAAATACCAAGGACTGGAGAAGCCCTTGG
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ATCAAGGGGAATTCTCCTGCCTCAGCCCTCCTGAGTAAGCTGGGATTACCAGGCTCCAC
CACANCCTGGCTAATTTAGTATTTTTAGTAGAGACAGGGTTTCACCATGTTGGTCAGGCT
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>SEQUENCE:5453:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:5746:prostate_MPM2000-004P4Novel007_8Table3
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AGCCAGAAGGATGACTGATTACGCCTCATGGGTGGAGGGGACCACTCCTGGGCCTTCGTG
ATTGTCAGGAGCAAGACCTGAGATGCTCCCTGCCTTCAGTGTCTCTGCATCTCCCCTTT
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>SEQUENCE:372:prostate_MPM2000-004P4Novel007_8Table4
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>SEQUENCE:468:prostate_MPM2000-004P4Novel007_8Table4
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>SEQUENCE:544:prostate_MPM2000-004P4Novel007_8Table4
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>SEQUENCE:560:prostate_MPM2000-004P4Novel007_8Table4
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>SEQUENCE:597:prostate_MPM2000-004P4Novel007_8Table4
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>SEQUENCE:6170:prostate_MPM2000-004P6_Table5
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Table 8
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Sequence 10247

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ACAAGTGGTCTCTGAACCATGTCTCCTGCACCTCAATATGTAGTCTGTGAGGTCCCAAT
GATAAAACATATCAAAGCACCTGGCAGCTGTTACCACACCTCACAAGGTGGCAGTTACTA
TTCTTGTGATTTTTTTTTTCTCTGTTCCTGAAATGAACATATTCATTCCATCCCGATT
GTGTGCTGACAAAAAAAAAAAAAAAAA

Sequence 10248

CGGGCCCCCCTCGNAAATACTTCTAGAAATTAATTAACGCGGGCCCTAACTTACATTTCC
ACCAATAATGTACTATTAGCCATAAAAAGAGAATGAGATCCTGTCTATTGGCAACAACAT
AGATGGAAGTGGAGATCATTATGTCAAGTGAAATGAGCCAGGCACAGAAAGACAAACATC
ACATGTTCTCACTTATTTGTGGAATCTACAAATCAAAACAATTGAACTCATGAACATAAT
GGTTATCAGAGGCTGGGAAAGGTAGTAAGGGGCTGGGAGGGAGTGGGGATTGTTAACAT
CTAGAAAATAAATTGAAAAATAAGTAAGACCTACTATTTGATAGCACAATAGAGTGATT
ATAGTCAATAATAATACTTAATGTACTTTTTAAATAAAGAGTGTAAGTAGATTGTTT
GTAACCTCAAAGGATAAATGCTTGAGGGGATGGATACCCCATTTCTCCATGATGTGCTTATT
TTACTTACATGCTTGTATCAAAACACCTCATATACCCAATAAATATACACACCTACTATG
TACCCATGAAATTTAAATATAATAAGACAATAAAATTTAAAAAATGAAGTTTCCCAT
CAAAAA

Sequence 10249

CGGGCCCCCCTCGGGGTACTTCTAGNATTAATTAACGCGGGNGGCAGNANAAAAACCC
ATAACAGTGAGAGACCAAAGGCACGGGAGGCAATGAATATTACAGTCCAGAAGACAAAGC
TCTAAAATGCTCCCACATGAAAAATCTCAGAAATTGCCACTATTCTTGAGCAAAACACTT
TATGGAACACTGAGGCACTGAGGACCACAGTGTCTATGTCCAGTTCCATAGCAGATTCATG
ATGATTATGATTTTGTCTTTAACTTTAGATTATAGGCAGTATGCTTATTTCTAACATAC
ATGCATATATAAGAATACATACATGCAAATCGGGCATATAGATATGGAGAAATTAACAA
TCTGCTACATGTCTATTTAATCCACAGTCCCAGGAACAATTTCTTCTTTAGAACCCTTTC
TTCTTTTAGAGGCCAAAAAAAAAAAAAAAAA

Sequence 10250

CCGGGCCCCCCTCGGGGTACTTCTAGAAATTAATTAACNGCGGGTCTCAGGGCTGACCAC
ACTATCTCTGTTTCCTCTTCATATTCATAGAGCCAGAGATAGTCTTTTTTTTTCTTTCTT
GTGTTTTTAAATGTGCAATGAAATGTTTTAAAGTTATGTTTTAACCCTGTTTTTTCATT
TTTGTAGCAGAAGGGAGAGTAGTAGAATCATCTGTATCAATTTAACCTGCCATATTCAGG
AATGTTCCTTAAATCCCTTTAGTATAATGACATAATTTGACAATGAGAGAAAACATAAAC
AAAGAGCATTCTCACTTAAAGGTATGTAGTCTCCATTGATTAATAATAATTACTGGCAC
TGTAATTAATTACTGGTACTGTAATTAATAACTACAAGGTACTGTAACTGTACTAGACA
TATAGTGGTGAGTTCTAGCCCTCATGGAGCTCTCATTGTAATGAAATAAAACAATCGAAA
TAAAATATAGGAAATGGAAGTCAGGTGTTAAGAAATAGGCTTATTTCTGAAATTCAAATA
CATTAGGAATTATTCGATAAAATTAATGCTTACCTTATTTATTGACAGTATGGTCATC
TTATAGTCCTTTC

Sequence 10251

CCGGGCCCCCCTCGNGGGTACTTCTAGAAATTAATTAACGCGGGGATTCTGAATGTATTAA
TATATATTTTTTGTCCATATAAGCTTCAGAATCACCTTGTCTCATTTTAAAAATCTTCC
TGTTGGTTGGTTGCATTAAATGTACAGATTAATTTGGGAAAAAAAAATTTTCAGGCATTAC
AAATCAATGAGGTTTGGGGATCCATTTGTTCTAGAACCCATATATTGATATTCATATAGA
AAAAAAAAAAAAAAAAA

Sequence 10252

CGGGCCCCCCTCGGAAGTCTTCTAGNAATTAATTAACGCGGGGCCAGGGGCTCAAGCAA
TCCTACCGCACGTTCTCAAGTAGCTGGGACCACAGATGTACCCGCTACACCTAGCTAAT
TTTTAAATTTTGTGTAGAGACAAGGTTTAGCTATGTTGCCAGGTTGGTCTCAAATTCCT
GGGCTCAAGCAATCCTCCTGACTTAGCCTCCCAAAGTGCTAGGATTACAGGCATGAACCA
CTGTGCCTGGCCAATACTGCCATTCTTTATGCAAATATTTTTTTCAATTGTTATCAAGTA
GGAAATCTAATTAACCTCAGTTTCATTGAATTTTCATCTTTACTTCCTTCCTATCCATGGC
TTATGAGAGAAGTGTAAACATGAAGCAACAAGGATTATAGTAAATAGAGAATTAATAATC
TAAAATAACTGAGTTGGCCATATTGTTATTATAATTATGCTGAAGCTTATTTACATATTC
TTTGTGTTTGTGTTGAAGCCTTGAGCTCTGGTGGGGGAAAATCATGATTTTGATTAAACAC

Table 8
2/1983

AAAATGGGCAGTTAAACCTCTAAATAGTATACATGGAGAAAGCTGAAGTACATTTAAT

Sequence 10253

CGGGCCCCCCCCCTCGGAAGTCTTCTAGNATTAATTAAATGCCAAAGCACATTACAAAAG
ACTCATTATTATCATTTATAAGTTTATTAACCCATTGGGTGGTATTACATATTTTAGATA
TCAGCATTTCCTGGTCTCATACTCAATAATATATTCATTGAAGTAAATAGTTGTGTTT
CATTAGAAAAGAAATATGCAGTTTAAATTATACCATTGCTTTCTAAAGCAGAAATGTTATC
CTCTTGAATTGTTTTTTCAGTGAAAGTAAATTTTTGTATGCCTTTCTAATTTTTTAATATAT
GGTGACACATTTATTTCAAAAATGATGTGAGGGTCATGTTTATTTTGTAAATTTTTGAAT
TTGCTTTTCAGGGTTAGAAATTTTAGTGCCATCTGTTATGGTCATTCTACATAATTTAGA
AAACTGAAGCAGGATAATATATAAACTAATTTTATATCAATGACTTATGTTAAATA
TAGCTGCTGTTAAATGGAAATGTTAGTAGAGACAACTTTTAATGATATAATCAAATGCT
GGATTATTTTACTAATAATGTAAATGACCATCAAAATATTTT

Sequence 10254

CCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGAAATATATATTGACATGTTTATT
TACAAAAAATCCTTCAAATTATAAAATATTGAGATTTCTTTAAATTATACTTTAAGTTC
TAGGGTACATGTGCACAACGTGCAGGTTTGTTCATATGTATACATGTGCCATGTTGGTG
TGCTGCACCCATTAACATCATCTTACATTAGGTATATCTCCTAATTCTATTCCCTCCCTG
CTCCCCCACCACGACAGGCCCTGGTGTGTGATGCTACCCATCCTGTGACCATGTGTT
CTCATTGTTCAATTCCCACCTATGAGTGAGAACATGCAGTGTTTGGTTTTCTGTCCTTGC
GACAGTTTGTCTCAGAAATGGTGGTTTCCAGCTTCATCCATGTCCCTACAAAGGACATGAAC
TCATCCTTTTTTATGGCTGCATAGTATTCCATGGGGTATATGTGCCACATTTTCTTAATC
TAGTCTATCATGATGGACCTTTGGGTGGTTCCAAGTCTTTGCTATCTTGAAAATTCCC
ACATGCATAAATAATGAAACAAAAGTTTCTATAAATGATGATCATCTACTCATT

Sequence 10255

CGGGCCCCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGAGGCAGAGATTGCAGTAA
GCCGAGATTGAGCCACTGCACTCCAGCCTGGGCAACAAGAGCGAAACTCTGTTTCAAAA
AAAAGAAAAGAAAAGAAAAGAAAAGAAATAATGTTTCAATCTATGGACAGGCCCTAGAC
AGAGCTGCCTTTAACACATCTTTTCCCTTTCCCTCACATCCTTGATCCCATCTCAGTCA
AAAAGGAAAAAACAAAAAGTTTTCTTACTTCTCAGCCTAAGATTCTGATACTGTCCCCA
GATGCCATACATGTATTGGCCTCCCAGAAATCACCAGTGATTTTCTCCCATGAAAAGT
TTATATGTCTCATGCCCTCAGAGTTTTTAACTGCAAATAAGCTAAAAAAAAAAAAAA

Sequence 10256

CCGGGCCCCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGGGTGAAATTTTGGTGTA
GAAAAGAAGTACAATATAAGTTCTCCTAAATTCCTCTACTAAGTGACTTACTAGACTAA
CAATATTCCATTATTTCTGTAAAATGTATTATCTGATGCTTAGGATAAGTTTAAATGCAC
ATAGCTGGTTAGCTACTCCTTTGCACTTCTGACCCAAATGGCTAAGGTGTATGCTTACTA
AGAGCCAGTCAGTTTGTCTGAACTTGTGATGCCATTGTATTTGGTTATCAGAGCTAT
GACTGCAAAAAGAGTTGTGCTTCTCCAAGAACTATTTAAATGCTTAAAGTAGACTTAA
TAAAATGAGTTGCTGGCCGGACACAGTGGCTCGCGCCTGTAATCCCAGCACTTTGGGAG
GTTGAGGCGGGTGGACCATCTAAGGTCAGGAGTTCAAGACCAGCCTGGCCAACATGGTGA
AACCCCGTCTCTACTAAAAATACAAAATTAGCTGGTCATGGTGGCAGGCCCCCTGTAATA
CCAGCTACTCGGGAGGCTGAGGCAAGAGAATCGTTTGAACC

Sequence 10257

ACTTCTANAATTAATTAACGCGGGAGGCTAGTCTTGAACTGCTGACCTCAGGTGATCCAC
CTGCCTCGGCCTCCCAAATGTGCTGGGCATTACAGGGGATGGTCCAGCGGGCCTTGGA
CATAACTATTTGCAAATATACTGTCTACTGTGACTACCGTGCCTAGCTACATGAATAGTA
GGACCAAACCTCAAACAGGGCTCATATTGCCACACCAAATGGGAATCTATGGAAGGAGG
TGCTTAAAAAGAAAATTCCTTTCTGAGGAATCTATCGAAAGACGTGCAAAAAAAAAAAAA
AA

Sequence 10258

CCGGGCCCCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGCTACAGAGCATGATTTG
CAAACAAGCAAATCCAGAGCAACAATGTTAATCATGTTTTTATTCACTCTCCACTCAGCA
GCAGTAAAAAGTTCTACTGTGGGATTACCCACACCCATGGAGACATTCCCAGCAGCCTAC
ATCTGGCCTTCAATTACCCTTTATTATTTTATTTTATCCCCAAAATATTTTGACTCCTGTG
CCTGTCGTCCTAGAGCAGAGGGAGGCATTAGCCAATAAACAGAGACACACGCAATTTAT
CAACAGATGGATTAAAAAGGAATACAATTACATGCAAAATGCCTTTGCTTTTAAAAAGCA
TTCATACATAAATTAGTCTGTCAGGAAATATATGCAGTTAATTGCAGGAAAAATTGGGTC

10253-10258

Table 8
3/1983

CTACAATAATATCATCTACATATAGTCACTTCTTGCAAAGCAAGAGTGATTGGGCACATT
ATTAATTTAACAGAAGTCAAACGTATTCATTAAATTGCTTCTTTTGAGGGAAGAAGCCT
ATTAGAATTCATTTTATAACATACTCCTTTTACAACTAANTAAGTATTTAACTCTTATT
TGCAGGCCAACTAAAAAGTATATTTTGCCCTTT

Sequence 10259

CGGGCCCCCCCCCTCGAGGATCTTCTAGNATTAATTAACGCGGGNGGGAATAACAATTTTA
TTTCACCTCAGGTAAGAAAGTAAATGGAAATAAATTCAATTGTAAGTACAACTCAAAGAA
CTGCCTCCAAAAATATAGTTTTGCAGACTTAACTGGTGTCTTGATGATTAACAAAAAA
TAATGCTTTTCTTTCTAAGTTAAGAGTGAAAAAGCCAACAGTAAATCCTAATATAGCTTT
AGCCTCTGACTCCAAAAAACAAAAA

Sequence 10260

GCCCCCCTCGAGACTNTCTANAATTAATTAACGCGGGGTAGATGATAAATGGTGGC
TGGCACAAGGTCTCAGTGTGAGGGATCTCTGAGGAGCAGCGGAGACTACACTCAAATGCA
AACATTGCGCTATTTTAAGGGGGAAGTGTCTCTCCACACAGAATTCATATGCAAAAAGAA
GACATTCTGAGTCTCTAAGAAAAGCTAAATGCCTCTATTTTTTAAATGTTAAATTTCTT
ATTTTTATAATTGAGAGCTATTGGGAGGCCGAGGTGGGTGGATCACGAGGTGAGGAGATC
AGACCACCTGGCTAACATGGTGAAATCCCCTCTCTACCACAAATGCAAAATACTAGCTG
GGTGTGGTAGCATGTGCCTGTAATCCCAGCTACTCGGGAGGCTGAGGCAGGAGAATTGCT
TGAACCAGGGAGTCAGAGGTTGCACTGAGCCGAGATCGCGCCACGGTACTCCAGCCTGGT
GACAGAGCANAACCTCCATCTCACAAAAAAAAAAAAAAAAAAAAAAGC

Sequence 10261

GCCCCCCTGAGGGTACTTCTANATTAATAGCGCGGGCACAACATGAACCACAGCCTCAA
ATGGCCTAGAACTGTTATCCTTAACCTGAGGGCCTGCCTTTAACTCCACTTACAACTTTC
CAAGGGACATTCTGTGTATATTTACTGTATGTGATTATCAGTGTAGTGTATCTGTCCCC
CACCACCACCACCTAAGGAGATACTCTGTAATTTTCATGGCATTAGAAGGATGGACATG
CCCCAAAGACATTTAGACCCATTGGTCTACAATCGAAGGCTGTGTACCTTGACCACAATT
ATTGTTTCAGGATGGTGGAAATGGTTAAGTAATTATACCACGTTTCATTTTCATGGAATCTC
TGCAGCTACAAAGAAGTAAGTTTAGTTATAACCAAAAAAAAAAAAAAAAAA

Sequence 10262

CCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGATGCATAGTTTTGGGAATGCTAG
ACTTATATTAATGGAAATAAGCCAAGAAAGAAAAATAAATGGCATCCAAGAAACAGGGGA
TCCAAAACAAGGAAAAGCCTCTTCTGGAAGCTGCAGCAAAAGGTAGGGTGGGTGGAAAAC
AAGAAAAAGCAAAGGGAATTTGTAAGATGGTGCAGAATGCCCCAGGAGGACAGACAGCCA
GTTCAATTTTAAAGAGAATATTCTCAAAACAGGTCTCTAGGAATAAAACAGAAATAAGTT
ATCTGAGGTTAAAAATGTCTAGAATTTAATTTGGTCAACATTTGACAGATCTTTTAGCCCT
TTGGAGGAAAAACATAGTGATCAGTATTTGGGAAGATAAACAAGTAAAAAACAATGCAA
TTATTAACCCAGAATAAAACAAAAGTGTTAGGCCAGGTGCGGTGGCTCACGCCTGTAAT
CCAGCATGTTGGGAGGTCAAGGCAGGTGGATCACCTGAGGTCAAGAATTCAAGACCAGC
CTGGTCAACATGGTGAAACCCTGTCTCTACTAAAAATACAAAAATTAGCCAGGCGT

Sequence 10263

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGNAAAAAGGCAAAACAAG
TCTAATATATAATCCTAGTAGTAAGTTTATTTTTTAATAACTTCAGTGAAGAAGGCAGGA
CTTTCTGCACAAGTCCAGTGGAGTTGGTAATAGCTTAACTCTAGCATATGCTAATTGATG
TAATCGCTTTATTGCACACATTCTTTTGACACAGCCAACAATACATCCATATTCTCAAT
AGGGAAAAAAATTCCTTTCTAGTTGTGAGGATGAGTTTACTTAGTTTGTTAATCATA
GTATCTTCAAGTGATTAACACTTCTCATATTTTGCCCTATTTTCAGTTTCCCATCTGAAAT
ATATTTTCATCATGTTTAAATTACACATGTGGCCGTAACATCCCATGATGCTACTTTGGGTG
TGTTAACACAATCATAATCACAGGCTGCTGGTTCATGAACAGGGAGATTAAATTAATTCA
TTTCAAGGCAAGCATATTTTAGTCACCTAATTTAAACGATTATAGAACAATTAGAAACCA
TCTGATTTGTCTTTTTGTTATTTTATGGCTCACTG

Sequence 10264

CCCCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGATGCTAATACAGGGGCCAAGCAA
ACTATAGCCTGTGAACGGCCGGCACCCCTAGTTTTGTATACCTTACAGGTTACAAATGATT
TTTACTTTTTTAAGTACTTAAAAAATCAAAATAGGCCAGGTGCAGTGGTTCAAGCTTCT
AATCCCCTCACTTTGGGAAGCTGAGGCGGGTGGATCATGAGGTGAGGAGATCAAGATCGT
CCTGGCTAACACAGTGAAACCCCATCTCTACTAAAAATACAAAAAATTAGTCAGGCTTGG
TGGTGGGCACCTGTAGTCCCAGCTACTTGGGAGGCTGAGGCAGGAGAATGGAGTGAACCC

Table 8
4/1983

GGGAGGCGGAGCTTGCACTGAGCCGAGATCGGGCCACTGCACTCCAGCTTGGGCGACAGA
GCAAGCCTCTGTCTCAAAAAAAAAAAAAAAAAAGAAAAAAAAAAAA

Sequence 10265

GGGCCCCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGTCCACTCCACCAGCAAAGA
CATAGCCTTGAGAACAGAGAACAGAAAAACAGAAATGCTTTTTCTTCACTCCCTGTTGGG
AGGATTCTGGAATAGAGCTGTGATTTGGCATACTATTTCTGCTCCACTTTTGAGTTTCTG
CAGCAAACGGCAAGAGAAGGCTGGGGCTGGTATAATAAGGTCAACAGGCACCTCAGGGGA
ACAAAGTGGTAGCGAAAGAGGACCAGGCCGGGCTGGTGGCTCAAGCCAGGTGTGGTAGC
TCACGCTGTGAATCCCAGAACGTTGGAAGGCCAAGGTGGGTGGATCACCTGAGGTCAGGA
GTGCGAGACCAGCCTGGCCAACATGGTGAAACCCCGTCTCTACTAAAAATACAAAAATTA
GCCAGGCGTGGTGGCATGCGCTGCAATCCCAGCTACTCGAGAGACCGAGGCAGGAGAAT
CTCTTGAACCCGGGAGGCAGAGGTTGCAGTGAGCTGAGATCTCATCACTGTAATCCAGCC
TGAGCAACAGACTGAGCCTCCATCTCANAAAAAAAAAAAA

Sequence 10266

CCGGGCCCCCCCCCTCGAAATACTTCTAGAATTAATTAACGCGGGGATTAACCTTTAGCATCA
AGTTAGAGGGGGAAAAGTAAGCTGTCTGTAGTCCCAGAAGGGGAGATAAATGGTTTTGA
AATCCCAGTAATGGTTAAAAAATGACTCACCTATCCTTTTTAATAACCTTATATTCATA
TTTTTAGTTCTTCTGTGGCTTTCATCTATAGTTGTTTTTAGTTGGCCAAGCACTACTA
ATCTTTAAGATCAAGGAGAAAAAGAGGAAAAATAAAGCCAAGTGCTTCTTATCCTGTCC
AATCTGTCTCTTCTCTATATTCTTAAAAAGCTTGCAAGTTACGCCATTTGAAAAAAATTT
TTTTAAACATATCCACACTAGAAGTGAAAGGTACTCTCTAGAAAGTGAAAGAAATATAAT
TCTATTGTGGAACCATAATTAATTTTTAATAATTTTTAATATCTAGAACTAGATTTCTT
TTGATTACTATACCAGCTAATATTTTAAAGCTTATGTGAATACTTGTAATAATTAATTACT
CATAAATCTCTTGACTTGCTGTGTAGAGATATATAAGAAGAATATCGGGAGAAGGTGCA
CAACTGAGTCCGTGTCATT

Sequence 10267

CCCCCTCGAGAAGTCTTCTAGAATTAATTAACGCGGGCCAGTCACTACGCTGAAGGCTA
TATAAGGAATATCTCTTCAAATCCTCACAATAAACCTAGGTACAATTATCATCACCATTT
TAGAATTTCGTCAAACCTGATTGCTAAAGACAGCATAAAAATTTGTGCAGGGCCACATAATTT
AGCAAATGGCAGAGCCAGGATTCAGGCCTAGGCCAGCCGGCCCTCAAGCAAAAGCTGTTA
ACTATTAGGTTGGTGCAAAAGTAATTTGTGATTTTTGACACTGCTTTTAATACTAATACTA
TGCCACGTCGCTCCGTGGAGAAAGTATCATCCTCAGAAATTCCTCAGGACCCAGGCAAGC
ACCAGGAAGCTTCAGTGGAGCACCAGCAGTCAGGAGAAGAGACTTTAATACCACCATAGA
GGTATTAAAGTGTCTGAATTGGAAGTGGAAGATGATCCACTTCCAATACAGTAAGGAGGC
CCATTCTGGTCCCTTCCCTCACTGACTTCTTCAACTACTGTTTCTCCTGTTCCCTGCTTC
AGGCATGAACGAAAACGGTTTCCACTGTATGCCATCTCAGAAAGCCTCGTTGGCCAGGTG
CAGTGGCTC

Sequence 10268

AAGACTGGGGTACCGGGCCCCCCCCCTCGGGGATCTTCTAGNATTAATTAACGCGGGNACC
NNTATTTGACTAGAAAACCTTCATTCGTGCAACATTTATTAATACCCCATGGCAAACCT
AGTATTCGGTGAATAATGAACAAAAATTTATAATTTAAACTAAAATTGCCTTCTAAGC
AGAGATCTACGTATCAATAAAATGAAGAAATAAAATTTCCATACTGTTTTCTTTCCAATA
CAAGGATTAGAAGGAAAAGGAAAAGAGTAACAACCAAGAACCAATAGCCCATGTTTGGCCA
GGTGCCATGGCTCAATCACACCTGTAATCCCAGCAATTCAGAAGCTAAGGCAGGAGGAT
CGCTGGGTTCAAGTGATCCTTGAATGAAACCCCGTCTCCAAAAAAAAAAAA

Sequence 10269

GGTACCGGGGCCCCCCCCCTCGAAATACTTCTAGNATTAATTAACGCGGGCAGTGTTAGGAC
AAGTGTATTTTCTTTGTGTTCTGAGACATAGCTTCTTGGCCTTTGATGTCAACCTTTTG
GAGGCTATTTTTTAGGTTTGAACTGTACTTAAATATTCAGGAAAATAGTCACATTTGA
AATTCCAATTAGTTCAAAGGGATCTCCAAACCATCTAGGGTGTTCTTACTAAATTATC
GTAAGAAATACTTGTTTAACTATCTATTCTGTATACAGTACTGTGGTAGATCCTGGTAAG
GGTAAATTTTTTCTAACTTATTCTGATTTTCGTGATTCTTACCCTTGATTATGGTTGCAG
TGCCTTACTTGATAGGATGCTTTTACTTTTTAAATTGAGGTATGATTTACATGCAGTAA
AATGCTTAAGTCTAGGTGTGCAGCTCAGTGAATTTTGGCCATGTTTATACCCATAGAAC
TCTACTCAGCTCAAAATACAGAACATTTCCATTTCCCCTGGAAGTTCTCTTGTGGCCTTT
CCCAGTCAATATTTTCCCCTCTTCATGAAAAGGTAACCACTATTCTGACTTCTGATGC
CATAGATTCATGTTGTAAGTGGC

Table 8
5/1983

Sequence 10270

CCCCCCTTGNNGGTACTTCTAGGAATAATTAACGCGGGGGAGCAGCTTTACAAGAAGGAA
ACGGGGCCCCCTTCTGAGACACCCCGTTTGCTTCTGCTCCTTCCCTTGCCATTGACGTGC
CCTTCTTCTGAACTATCCCACACCTGTGTTTGGCAACAAGCGGGTGGCCCTTGATCCAA
ATAGCATTTTTCAACTTGCGAACTCTTACACTTTTGGCAAGGGACACCAAGTACCTGGGT
AATGATCTTTAATGGAAATGAACCTTTGGCTTGATTAACATTGAACTGGGTTAGTATGCA
CAAGCCGAGCTTCGTGGGCCCTTCCATGGGAACCCCTTCTGCGCAGCCACCTGGCCACCTG
GAAGAACTGGGCCCTGGGCAGGTTTCTCTTTAT

Sequence 10271

CGGGCCCCCCCCCTCGAAATACTTCTAGNATTAATTAACGCGGGGGGCTTAACCTAATAAG
CCGTGTACCCTCCCTTGTAACCTTGAGTTGAATCTCAGAACTCTAGAGTGCATAAATTG
GATCATGAGACTAGGTCATGAAGCTAACAAACAACCTTCTGTTTTTCAAGGATGGTTCTAA
ACCATATAAAGACTCTCTGATATTTGCAGTGATTGGCAAAATAAGATACTTTTTTACATAT
TCTTTTTTTTTTAAATAATGTGACATTTTTCTAGCGCTTGACCAAATAGGATGAAATGATAC
AATACATGCTCTAAGGGCACTATTAACATAATAAATAATATAAGTATTTTTTTGTGCTTTA
CAATTAATTTTTTGAGAAAACAGAGTCAAGTATCGTGCTTACACAAGGCAAACCATTTT
AGTGTTCCTTACTCTTTGATTAAATTTATATTTATAACATGTTGATGGGAGTAAAAAATT
CATTGGCTAGAGAGACAAAGACCTGGATTCTGGTCCCAGCTCTGGCACTTAACCTACTGG
CTATCACCTTGGGTATTTAACCACCATGGTACCAGCTTCTCATGTTTTAAATGAAAGTTA
GGGCCACGTGCGGTGGC

Sequence 10272

ATTAATTAACGCGGGTGAACAGTGTGAAATTATCTAGGCTCTGCAGCAAGGAAGAATTAG
AAATTATGGCAGCAGGTGTAAGATAGCGTATAACCAAGAGGGATTGGAGTTAGGAAGTCC
TGTGAAATTTGCGTAGATCAGGTCGCTAGCACTGGAATCAAACAGGAGCACATGCAGAAG
AAAAATCAGCATAATTTTCAAGTAAAGGAAAAACAAGCAGTTTCGCATGCCTAGGAGACTTCT
AGTTAAATATGTCATAGTTTCTCCAAATTTAAGCAAATCATAAGCCAACAGTAAAGTAA
TCGTAAACTTA

Sequence 10273

CGGGGCCCCCCCCCTCGGAAGTCTTCTAGNATTAATTAACGCGGGGGGCTGTCTATTAGCGT
ATTAGGGGGGGGAAAATCCATCGATGATGCATACTCATTACAAAACATCTACAGGTCTTC
TGTCCTTAAGCTCATAACTCACAGTAAGTATCAAATATCCTTCAATTCTACCAAATATTG
CTCAGCATATAGATTTACAAAAAATAAAACCTAAAAACCAATTTCTGGATGCCTGCTA
TTTAAGACATCTAGCTCACTAATTGCAAAATCTATAGAAAAGTCTGCACAGCATCAAAGC
CTCGGTTGATCCTATGAGCAGTTCTAAATGAAAACTGTCTCTTTTGGCAGTAAATAAAG
CACTTAATGCAGTTTCTGGCTATAATTGTGTTTCTCCTGTGGGTTTTGAAAATGACCTTC
CTGTAAGCCTCAAGGACTGTAACCTTTNTAGATAAGGAACTTGTTCTTGTTTTAAGTCTA
TGTCAGGTTTCATTCCCCTATAG

Sequence 10274

TTAATTAACGCGGGATTGTTAAAAAAGCTCATTAATACATACTGCTTATAAACTAGGA
AGTGCAACAAATATGTCAAATATGTATTTTAAAGACTTCTAAGTACAAAGGATTTATTTT
GTTACTTGCTTAACTGTTATTGATTCTCCTTTTAAATGTTAACCTTTTTTCTCTCTCCT
ATAAATAGAGTTCTGGGTGGAGAAATGATAAGGGATAAAGCTGGAGAGTCAGGCTTAAC
TGNAATACTTTAGAAATTGATTTTTATCTG

Sequence 10275

CGGGCCCCCCCCCTCGAAAGTCTTCTAGNAATTAATTAACGCGGGCTATATCTAGTCTACC
TACAAAATGATCATGAAAAACTTTAAGTACCATTTTTTACACATCTGAAAATGAAGGAG
AAAGGATAATTTTATATTAGTGTGTTTCGGTGATGTAGGCACCTTAGCATGAAAAGAAAA
ACTGGATAGACCTTGATCTGAATGGTGTCACTCCAAATTGTGGCCTATTTTACTGTTTTTC
CTAGAAAGCACATATTGACAGGGTACTTCTTTTGAATAATTCAGTATTTTAAAAATGCAA
GCCAGGCACAGTGGCTCACGCCTGTAATCCAGCACTTTGGAAGGCCGAGGTGGGGGGATC
ACGAGGTGAGGAGTTCAAGACCAGCCTGGCCAACATGGGTGAAACCTCATCTCTACAAAA
ATACAAAAC

Sequence 10276

CGGGCCCCCCCCCTCGNGAATACTTCTAGAATTAATTAACGCGGGGTAGTTTACGAGGGTA
AGAATGATACAAAGTGAAGGGACAGAGATGGAAGTGATGATTTCAAGTTCCAAGGTGAAC
TGAGGTAAATAAAATCAGAATGGGTAAAAGGGACTAGGAACTTTTACAGGCCTGATTGT
CACATTGAAGTACACGTTTCAAGGGAATGAGAACTGGATGATAGGCAAGGGGAGAAAGT

Table 8
6/1983

AGAAATCAGAGAGCGAAAGTTCGCGGTTCTGGTTCCTGTCCAGGGTTAGCCCAGGAGCA
AGTGTGGCCATCCATGTTGCTGGATTAGAGAAAGCCTAAGCACTGTGAAGCCAGGTTCTG
CATGGACTATCTATTAAGTGATGAAGTTTCCCAGAATGCAATGGCATCCTGTGGGAAATG
TAATCATGGGACAGGCGTCATTTTGCTTGCAGTATACAGGCAATGTCCTAAAACATGACG
GTGAAAATGGATGACTTTCGACTTCGACTTCAAACCATTACAGCTACAGAGTGGAACAA
TTTGAGGGTAGAGGTTAGGTCTGCTCTTCTCCATAATCCCTCTCAGAGGATGCAGTGGTT
TATACAGTGTTAATGGTTCATAACCA

Sequence 10277

CGGGGCCCCCCTCGGGGTACTTCTAGAATTAATTAACGCGGGAGTTGAATTAAGTTTTT
AAAAATGGTTTCGTTACTTTGGTCTCTTATAAACCTATCAGTTTTGTGCTGTAGGACAGT
ATAAAAATAATGTTTGTAGATATTTGTGAAAGTTATTTGATATTAGACTCTCAAATCCTAC
TTAATATGTCACTTATTTAGTAAAGTAGATATCTGTATTTAATATTCTAACTAGCATATAT
TTGCTATATTATCCATTTATTTATTGAATGGTTAGTGTACTGGGTTACTAAGCTCAATGT
TTAATAGGGCAGAGAGAACAGTATTAATAATTTTAAATCTTATTAAGTTTTGATGATCAGT
TAAAAATAATGTATGTGAAAGCATTTTGAGAACTATAGGTTGCTTCTGGATGCAGGCAACA
GAAGACCTCACTGAAATTGGTCTTAAAAATAGGGGTATTGGGGACAGAGCGAGGCTCCA
TCTCAAAAAAAAAAAAAA

Sequence 10278

CGGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGATATTAGAATTTAAAAGA
ACGTTTTTCTGTAGATAATCTCTTTCTTCTACTCCCAGCAATGTTAAAGTTATAGTT
TTAGATTTAGGGTTGACAAGAATAAAGTTTGGCTTTGCATAGCTAATTAACCAGATTGAGTA
ACAGAGCAAAAAAAAAAAGTTTATTTTACACTGTGGTAATAATAGTTACCATTTTTGGA
GTTCCACATTATTTCTATTGTTGTATATGTCTTAATAAGGGAATGGCTTCTCTCACTAA
CTTCAAGTCACACCAAGAAACCTGCTTCTTCTCTGAAGAGG

Sequence 10279

CCCCCTCGAGAAGTCTTCTAGAATTAATTAACGCGGGGAGTAGCCAGGCAGGTGCCTC
ACTGGCTTCTTCAGACGAGGCTTCTCAGGTGGATATATGACTATTAGGGGAAAAGAGGC
TTTTGAGACAGCTTATTACCTCCTTCCCCCTTTTTGAACTAAGTACATTGTCTCAGTCCCA
GTATGAATTTGTCCCATTGGGGTATTTTTAAAAATAAAGATGGCTAACATGGAATCTGG
GGCATAGCCTTGCCCTTTAATTATGGTTGTAAGCCCAAATAATGGCAGAGAAACACAGGG
CTGTTTTTACAACAGAAAACCAATATAAGTTTTATATAAGAATCCTATAAAATTTGAAC
CAGAGCTCCTATTAGTTGTTATAATGTCTCCTAAAGATCTTAAATGCTTCTAAAAGCTA
ATTATTATTCAGAGCAACTTTTTCTTTTTCCCCCTTATAAAGTTTTTTTTTTAAATCCAA
AAAAAAAAAAAA

Sequence 10280

CCGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGATAGTAATGATACCTAT
AAACTCCCTTGAACAAGTAATTTCTGGCTCTGGAGTGCCGAATCAAGTGAAATTAAGGAG
TTTTGACTTAAGTTGTACAGATAATTGCAGGAAAGCTCAGAACATGGTTGCCAGGTCACC
ACGACAACAAGAAATTCAGAGCTAGGTAGTGGGAGAAAAGTGGAATTAGACATGTAGCCA
AGCCTAGCCTGAACTAGCTGAGTGTGGTCTGCACTCACGTCCAGTTCCCCACAATACAGC
AGGCCCAGGGATTGAGTAATTGAATTACCTAAAAACCAACTGAATAAATGATGAGGTGG
TGGCAGGAAGCGAGGCTAGAGACTGAGGTGAGCCGAAAAGCGAATGCGTATTAGGGTGG
AGCAGCACCACATATCCCCTGTACCTTGCACTGAGGAGAGAGTGGGGGCCCCAGCT
GCTGCAGACTTCTCTCTCTGGAAAGTGCCAGTCTCTGTATTGGTCTTCTCTGGATATAC
GCTAATTAGAGTAATGTGATTCCAGGAACNTCAAACAGTTCATGTACCCTGCTCAACAN
ATACAGCATTT

Sequence 10281

TTCTAGATTATTAACGCGGGGACACACCACTTCAGGGGCCAGAAAACCTGAAGAAGACTAA
TTCTAATCAGCTGAATTAATAAAAAAAAAAATCCTTTCTGAGTTGCTATTTATGGTCTGGGAG
AGATTATTATGATATCAAATTTTCTTACTTACCACTGACAATTCTCTTAAAAGGAAGAAA
AGAAAGACTGTCCTTGAAGTTGACTAAGTCTTAGAATATCAAGCCTACTTCATTCTCCAT
AACATTAATAACTGATGCAGAAGCAAAACAGAAGAGTCTGAGTTCAGAACATTTTTGTCT
AATGGAGGGGCACAGGGACTCATGTCTGCTTCAGGATACCTTGTAACCATTCCTGTTTT
ATTAGAGAAGATAATCCAGCTACATTCTCAAGGTGGGTAAAGTCAACACAGCGAGGTGCCT
TGGACAGAGCGTGCTTCTGTGCTGGGAGCTCGGGTGCCTGCAGGCGTGGGCTCCCTCTG
GTGCAACCTCTGCAGCTCCCCAGATAGCCAAAGCAATCTTGAGCAAGAGCAACAGAGTGG
GAGGCATCCTGCTTCTGATTACTAAATGTATGACAAAGCTGCAGTGATGCA

Table 8
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Sequence 10282

TCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTGAAAAAACTGGGTTTAAAAAAAAAA
CTTTGGAAACCCATAAAGACTTTGGTTTCCTCCTTCTAAAAAAACAAACCTGTGGAAAC
CTAAAAAATTTTGTAAATTTTGGCCTTTTAAAAATTTAAAGAGACTTTTAAAAATTCCT
CCTTTTTTAAAAATTTAGAAGGCCTTTTACTTGTAACCTTTTTTAAGGAAAATTCCTTTTC
CCAAATTAAAATTTCCCAAAATTTTTCTTTTTGGCCAGTCGGTGGCTTAATAAAAAAT
CCCGGATTCTGTTTATCCCTCGGCTTTAAATCGGTGGCAGTATCACATGATGGGTCCCC
TTGGGAAAGGTGGTTTTTTTATTTCGGGAGAGATGGAGATTTAAAGGGCAATTGATGTTT
TTATAAAAAGGGTTTGGGCTTTGGGG

Sequence 10283

ACTGGGTACCCGGGCCCCCCTCNAAATACTTCTAGNATTAATTAACGCGGGTGATTAG
AAAAGTAGACTTAACTAGTTACGTGTGCCAGTAATTCTAAAAATTGATCAAAATCATTAC
TTATGTTTTAAAAATAAACATTTGTGGAAGACAGTCTCTGGGAAAATTGAACTTTTTAAAA
CTAAATTTGTGTGTTGGTTGCTTTCCTAATAGAACATTTATATCTATGTTGGTAGAGGC
CATAAATTTAGATGCTTAAAGGGGAAGCTAATATAAATGAGCAAAGCTGAGAAGTAAAA
GAACCACAAATCCTAGAAACAATGGACTGAAAACAATGTTCTTGGTATGCCCCCTCCATCT
TAAAAAAAATGCTTTTTTCACTTTTCTACTTTTTTTTGTATACGTGAGAAAAATGGGCCTG
AGTTTGCCAGATTGTGTGGTGGTGTGTTTTGTTTTTAAAGAAAAGCCAGATATCTAGTT
TTTGGTGTAAATATTCCAATNTTTAAACATAGAAAACAAATTAAATTTATTTAAATTA
ACAGAAAGGAAGATTTTTGTGGGCTCAGAATAACACTTTTGT

Sequence 10284

CGGGCCCCCCTCGGAGTACTTCTAGAAATTAATTAACGCGGGAATCCCTTAAACAGGGA
AATATGAGTCTGTGTGATGGAGATACTATCTCAGAAGCAGTAGCAGGAGTTTCCAAAAGG
AATTCATTAAACAGAAAAAAGACTATATATTTTCACTTTTAAAGAAGACTC
TTCTTTATGCACAACAAGAATGTAGTCGGACAGGAAAAATAAGCATAAATAGCTATTAT
ATAATCAAATATAGTGTGTGATAGAAATATTTTCAACGAAGTAGAGGCAATTCTGTATC
TGGTATGGCAGAGTAAGCCCCATCATGGTCTACATTCCCTATGAATGGCAATTCTAACTC
TGAACAAAACATAAAAAATATTGTAGAACTAGGGAGTGAACAAAATAAGACAGACTGTA
AATAAGTGCCAAACTTGCCAGAAGGAAAAAGAATGAGGTGCATTTTTTTCATTATTGCAG
GTATTAGTCTGAAAGTAGGCTAAAGCCTAAAC

Sequence 10285

TGGGTACCGGGCCCCCCTCGNGGGTACTTCTAGNATTAATTAACGCGGGGCAACCTAG
CAGAGAAGAAGTTTCATGAAGTCAGAGCCCAGGTGTTGGGTGAGGGTAGGGAGTTGGG
CAAAGCAACACTGGGCTTCTAAAAAAGAAATGTCTCCCCTGAGATGAATGACTTGTGGC
ACAAGTTTTCAGGAAAAGACAAAGCTCTAAAAATATCATTGTAAAATTAATAACTTCTCC
AAAGTAAGGACTCAACTCAACTATCCTTGGATGCAATTAATTAAGGCTTGAAGAAGCT
TTCAGGTGCGGAGGTACTCACCAGTGTCCTGCCAGCACCTTCATCTCTGAAGAAGTCATC
GGAGGGAGCCACTACCTTGATTTTATGACCACAGATGAGTTTCTTTAATCCGAAAGAGA
TTGACTTTTGGCATTTTTTTCTTAGTTTTTGTATTATTTATATTCTTTTAAGCTTTAAAA
AAAGTGTCATTGCTGTGCTTCTTATTCCTCTGGCTGACTTTAGAATTGAGGACTGNGAAT
CCTGAAAATTTGCAAAGTTATCTCCTATCCTCACTGCCTTGGAACACCCATTATTCCACT
CTGTCTAATNTCTACTCATGTTTCAAGTCTA

Sequence 10286

CCGGGCCCCCCTCGGAAGTCTTCTAGAAATTAATTAACGCGGGACTATAGGTCAATTTAT
TTATTATTACCTTAAGTAAAATAGTTCTAGAAGAAGAACTGGATGCTAGGCCTTTCTTTT
ACCTGGTAGTGGAGTTTCATACTTCAGGATTAGTGAATACAGTTTGCTAATTAATTTTAT
ATAACCTAAGACTCAAAATGAAGTTGTAATAATTACTAAAATTATATGAGGAGAAATGAA
AAGTCAATGAGTAAATGAGGACGATGATAAATAATGAATAATTGCAAGATAACATATACA
AGACGGATATGGTAATAGTAAAGCAATTTGATTAGTGGGCATTCAAAGTAGAATAAAACA
CCTTTCTGAATGGCCAGAAAAATGGTTGAATAGCCACTGACCATCTTTTTAATTCTATAT
TATATAACAAATCTTTCTTGGTAATCTTTACTTATTTTCTCCTCAGTTCTTTAGAGATA
CATATACTTGGTTTGGGTGTTGAATTAGGAAATTAATTGCTAATTGTAGTTTTTGTAA
ATGTAAATAGAGATTGCTTATTAGCTG

Sequence 10287

TCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTCAAAAATATTAATTCAATTGAAAT
AGAATGGGGGTAAACAAACCCCTTGATTCCTTTTCGTGTTGCCCTCCCTGCGTAATGAA
AAAAGGGCTCAGGGAGGCGAACCCGAATGGGGAGGCGGTTGAAGGCCCTTTTGCTTGTT

Table 8
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AAAAGTTGTGGGGCCCTGGGGGGGTCAGAACAGTTGGACCCCCCTGATTTTCGTTGTTTA
TAAATAACAGTCAGGTTTGCAGTCCCTCCCTTTCAGGGTAACGGGGAAATTCAAATGAG
GTCTTATTTGTAAAACCTTTTTTTAATTTGTAACCCCAGCCACTTGTAAATAAAAGGTCGG
GGTCCTCCTGTAACCTTGGAACTTTGGGGGTCCCTGGCCACTTTCCAATTGTTGGCTCTTT
GGTCATTTAAAAACATGGGGCTCATTTG

Sequence 10288

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGATTTTCAGTGTTACATT
GCTTTTCTTTCTGTGGTGAATATAAGTGGACAGAATTGTGCAACTGCCAATATTAATCA
TTGTAATAACTGCCATTTGCGTGACTGCTCTGTGACTTATCTCTGAGCTAGGAACCTTAA
GTTTCATTTCAGTAGTTAATTGTCATAGTAACCTGTAAGGTCGATATTTTTCATTTAAGG
ACTGGAGCTCAGAAAAGTTTCAGAGGTAATATAACAATTTGGACAAGATAATATGGTTACCT
ATGATTGGAAACCAGACTTCTTTGATCTAAAAGCTGTCTTACTCTTTACTGTACTAGGGT
TATATGAAAAGTTAAAGTTTTGATAGAATCATAATTGTTTTCTTTCTTCTTGCTGAAAAG
GACTTTAAAGATCATTTTATGTTTATGCCACATAGTTGGCCAATGAAGAGATAGGTTCTAA
GAGTAAATGGCCACAGTCATATTCTTGGACTCATAATGAGATGATTTTTCAATAGAACT
CAGTGGAAATTGTTTTGTTTTAATGCAATTGAATGATTTTGTAGAAACCCTGGTGTGAGTT
GTAAAGGGAAAAGCCTGTTGCTTGCAT

Sequence 10289

CCGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGCTACAGTAATCAAGAC
AGTGTGGTAATGGTAAAAGAATTGACACATATATCAAGGGCACAAAATAGAGAGCCCAGA
AATATTCATAAAATCTCTAGTCTTTTTTCTGTGTCATGAAGCTCCCTTTAGACTAAATCA
CTAATTGGTAAGAATTTCAATTGTTCTTAGCTACATTCATCCTTGCATCTAAAATTTAAAT
TATTTCTATAAAATTATACTAGTTTTGTCTCTCACTTCCACAGGATCTAGCAGCTCTGTG
TAGTTTCCTTTGAATTTACTGACTCAATCCCTAATGGGTTGCCCACCACCAAAAAAAAAA
AAAA

Sequence 10290

CTGGGTACCGGGCCCCCCCCCTCGGAGTACTTCTAGNATTAATTAACGCGGGNAAAGTATT
TATTGTACATTATTTTCATAGATTAAATAAATGTCTTTATAATACCAAAAAAAAAAAAAA
AAGGAGGA
AACACGGGGGCGCCCCCGGGGGGGGGCAACAAGGGCGCCTATGGGGCGCGTTTACCC
CCCCCCCCCGCGCGAGGGGTGCCCCAACCCCCCGGGG

Sequence 10291

CCGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGTACCAGGTTCTGTAA
AATTCCTTGTCATAAAGGTCGTATTCTTTGTAAAGGACATATGCTTTTAGACGATTGGG
TAATGGAAGAAATGACATGAAGACAGGGCAGCGCAAATGTAACCGTCCCATGCATTTCCG
GATCTTTAGGCAGCACAAATGTTTTAGGGAGCGAGGGTTTGCTAAAAGAAAAGGCACAT
TATCCAAAGAGAAAAAGAACTTTTTTTTTTAGTATCTTAGGGTTTTGTTAGCAAACGTATT
TGATAGCATTTCAATTGCTGTTACTAAATGGCAAAGTCAATAGGGAACAGTTTTTTCAGT
TCTTATTGCAATCCTGTGTGTAGATATGGTTCCAGAGCCATGTCAAGTTAGAATCCAAAG
ACTGGCATCAATCATGGATCTGGCCTGTGAGATCTGAAGTTCTTAAATCTGCATGTGGCC
AGGCGGGGTGGCTCATGCTGTAAATCCCAGCACTCTGGG

Sequence 10292

GGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGCATGTTGAAAAGAATGCAA
TGGCCTTATTGGAGTTTTTCATCTTGTAAGATCCTTTAATTGTATGTTTTTTTTTCTTTG
GGTTCATTAACAGTTTCTATTTAAAATACATCCACTTACAGACTGAAGATGTCAGAAGCC
CCAGCAGGGACCATGGCTGGAAGGCCAGTCTGTAGATGACTGCTCCCCTCTTCTGCACC
CCTCATACCTCTCCTGTTCCCAAACAGTTAACTGCCTTCTTCTTCTCCTTCCCTTCCCC
CATCCTTCAGCTTTTAAATTTACCTCAGAAGAAACCCCATCTATATTCTTTTGAAGTC
ATGTGCTTTTGTAGTCAGGGAAGGGATGACTTTTCTTCTGCTCTTTTAAATCAACAGATCAC
AGAGCCATGGGCGCGTTGCCTTGCTCTGCTGCTCCCGGATGGAATTCAGCTGAGCAGTGG
GAGAAGCCAGGGCAGTTCTTAACTGTCTCTGGGTGCAGCTGATCTCATTAAATCATGG
CTTTTGTGGTCTGCAGAATAAAGAACAGTCCTGCACTCCTCCGCTGTTCTCCATTGTGC
TGGGGAACCT

Sequence 10293

CGGGCCCCCCTCGAAAGTCTTCTAGNAATTAATTAACGCGGGGTTCCCTTTTAAATTAG
ATGTTTTTAAAGGGGATGAAGTACTGTGATTTTGGATCTGTGGAAGCAATCTTTATAGTA
ATCTCAAAGCTACTTCTGACTACCTATAACAAGACCGTCTAAATGCAAATTTGTTTC

10288 10289 10290 10291 10292 10293

Table 8
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TTAAATATATGCAATTTGCATTGCAAGTTGTAAAATAATTAACACTAAATATAGCAACA
AACTCCAATGACTTAGGGCATCACATAGTATGTAATATATATTACATGTTCAACAAAGGT
TGGCAGGATGTGAGGAGAGATGTCTTCCCAACAAAATAACTCAGAACTTGGACTAGTGG
ATGCCTCCATCTTGTAGCAGCATTACCTGGAAACGTGTTTCTGAAGTTGCAATGGCAGGG
GAGTAGAGAGACAGAGGTTGAGAGAGACATGGGCTTTAACTGCCTCTGCCCCAAAGTGA
CTAACATCACTTTCTCTCACAAATCATTGGCCTAAACCAGCCACATGGTCCCAGCTTAGC
TACAAGGAATGAGAAATGTAGGGGAGTATAAGGAATATTTGATGAGAACTCTCTCTGCCA
CACACAATTTGCACATCAGCTTTGGGCACTG

Sequence 10294

CGGGCCCCCCTCGGAAATACTTCTAGNAATTAATTAACGCGGGACCTCATCTCTAAAA
AAATAAAATAAAATAAAATAAAATAAAACAAGCCTTTTAATAGTCTGGATCATATAG
AAGATTAAATATTATGATGGATTGCACATTAATGTCTCAAAGGACACCCCCCGCCAAAATC
ACCCTACTAAAAATCACACTGGGTTTCTAATCTTGGGGTTTAGAAATTTTCTTCTTATGC
TTTAAAACTCATTTTACTTCCTTTATCCTCTGATTTTTTGGGAAGACAGAGGGTGCTTC
TTCTTGGACTCTTGAGTCTGACACTAAATTCCTCCCTCAGTTCTAGTGCCAGGCTAAG
CAGAGACACTAAATCCCTTACTTCCTCTCAGTGTTCTCTTTCAGCTGCCTCAATGCTTCA
CCTGGCTACATTCATACTTCATTTCAGAAGTCTGAACAGGGCCGGGCATGGTGGCTCATGC
CTGTAGTCCCAGCACTNTGGGAGGCTGAGGCAGGTGGATCATTGAGGTCAGGAGTTCAA
GACCAGGCTGGCCAACATGTGAAACCCCATCTCTACTAAA

Sequence 10295

CCCCCCTTCGGGGTACTTCTAGAATTAATTAACGCGGGGCTGTGAGTTCCCTGATGACAG
AGAATGTCTTGTGGTTTTTGAATTTCCAGTGCCCACTTAATTCCTGGCACAGCTGAGT
AAGCAAATGAATGAACGCCATCTAGTTGAGTAAAAATAAGTCTCGTTAGGCCGGATGGGT
GGCTCACGCCTGTAATCCCAGCACTTTGGGAGGCCGAGGTGGGCGGATCAAGAGGTCAGG
AGATCGAGACCATCCTGGCTAACACGGTGAAACCCCTGTCTCTACTAAAAATATAAAAAA
AAAAAAAAGCGGCCGCCACCGCGGT

Sequence 10296

CGGGCCCCCCTCGAGGTACTTCTAGNATTAATTAACGCGGGACTGTGGGTGTTATTATC
CTGACAATTTGTCTACATTTCTGTCTTTAAAAAATAACTGTATACTAAGCAAACTCA
GGTAAGAATTTGACTCTACATTTAGACAGTAATAGTATATGTTGATATTAAATTTTGT
TTCATTGTTCCAAATGAATGTGAATTAGTCATTGTGTTTGAAGTAATCTATATTCTTACA
GTAAAAAGTAAATTTGTTATGGAATCCTCCTATCTATGCCTCATGTACCTTGAATTCT
TTTCAATTGTTGAGTCTTCATGCTAAATTCCTGTATTTCGTTAATGGAAAGTATATTTCAA
ACTTAGCATGAATATTGATTTCTTTACATGCTACCTGTATAGTGTGGAGGAGACAGGGAT
ACAGAATAAAATAATAAAATCCTGTGCATAATAAAAAGTAATGCTTAGCTATATAGAAGT
AAATTATAAAAAAAAAAAAAA

Sequence 10297

CCCCCCTCGGAGTACTTCTAGAATTAATTAACGCGGGGACTAAGAGAGTCTGGAGACTGT
CAAGACTGCAGTTTCATCAAGACAGAAAGGTGACTGCAATGTTAAAGGAAGTGAGTCAGT
CTGAGGAAATGTGGATGAGCCTACACTATTTTCAAGGATTGGTTATAAAAGGAAAGTGA
TAAAAGTGATGGTAGCTTGAAAGAGTAGCAGAGTTGAAGGTAGGTTGGGTGAGTGTGTGT
GTCTTAAAAGTAAAAATAGTTAACTTGACAGAGCTTAAAGAGCAGAATCCAGTGGAGAGAT
TGAAGTTGCAGGATGATATGACCCACCAATGACAAGAAAACAGAAGAGATGAGCAGAGAC
ATGTTACCCCTTAGAAAGAGGAAGAGACACCTGTTCTCTGGCAGATAAGGGAAGATGATC
AAGCAGTGGCTGCCATGTTGCTGACAGCC

Sequence 10298

CCCCCCTCGAAAGTCTTCTAGNATTAATTAACGCGGGGCGAGTTTGAAGTTTTTAAATTA
TCGTACCTACAGTTGGCTGTAGTCATAGTAATTCACCCTTTCTCTCTAGGCTGTGTTAA
ATTCTTAAGAACAAAATAGCATGAACAAAGCCTGGGAAGTTTTAAAGCCAATCTTGAATC
CCAAATGCCTGCTGTTTACCAAATAATTAAGCGGCTACTTCATTTCTATTGCACACCTG
GAGCTTAATTGCTTCACAAAACCACACACAGATGGCTTCGAGAGAGGTAAGTCCACAT
AATAAAAGTTCATGGGCAGCTCCGTTATTTGGACAAGGTTTTGGTTTTATGGAGCTGCTG
CCCAGGGCACACACCATCTAAGTAGCTCCTGCTGATCAGCTGAACGTCACCTTGCAGTTG
ACAGCACTAAGGCTACCCCTACAGCCTATCTTCTATGGGAACAATCCGGCATCTCCCCTG
AGGGCAACCAGACTGTGCTGTGCACAATAAAGAAAGCCCTATGCCCATATTCTCACTTG
AAGAAAAGCAGAGATTACAGAAAGGTGATATATGAATATTCATTTGCTGTTATTAATAA
CCATCATTT

Table 8
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Sequence 10299

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGCTCCTAAAACTTTGTCTT
CAGGAAAAGCCTCAAAGGATCTCATGAGATTCATTAGGGAGCAGGAAGTGTGTGTGAATC
AAAGTGATTGAAGATAATTCCCAATCCTCTACTCCCAAGGGGCTTCTGGTTTGTGTTTTT
GTTTTTTTTGTTTTTTTTTAAGAGACAAGATCTCACTCTGTTGCTCAGGCTGGAATGCAGTG
GCCTGATCATAGCTCACTGCATCCTCAAACCTCTGGGCTCAACAAATCCTCCTGCCTCAG
CCTCCCAAAGTGTGGGATTACGGGCGTGAACCATGATACCTGGCCTGATATTGAATACA
TTCTGCCTTGCCAAGGAACATAACATCCTTAGCACCTGATCTGGCCTGCCTTTCTTTTTC
GTTCTTAGTCACTTTGGGTGTTTTCTTTGATTCCCTGCCATTCTCTTGGTGTGTTCTTTGG
TTTGGTGAGTTGAAGTTATCTTTTGTGGCTTCAAGTGTCACTTCTCTCTCTGGGCAACA
TAGCAAGACCCTATATCTACNAAAAATAAAAAACAATAATTAGCTGGGA

Sequence 10300

CCGGGCCCCCCTCGAGAATACTTCTAGAATTAATTAACGCGGGCAAATAGAAGCAAAAA
AAAAGAAAGGCAGTGATTACATTATATAAAATTAAGACTCAAAAGCTTCAAAGGTATT
AATGGTCTATTTATTTTAAATAGATAAGGGGTTAAGTCAATAATACATAACAATTATAA
ATCATTACTTAGTATCATAAAAATATGTAAACATTATGAGTTCAAGAGAAAAATGACAAA
TATTTACAAATTAATTTGAATTAAGATTGATTATTTAGATTCAATATTCTATATAGAG
TGAATACGCATTATTCTCAAGCATCCCTAGAATGTCTAAAAATCTATCACATAGTAGATA
ATAAAGAAAACCTCAAGAAAACTCAGAAATCAAAAAATTTCAAGGGTTTCAATTTCTGATA
GACCAAGGGCCCTTATCCATGTATGGGCTTCAAGAAATCCATAGGCTTCTGACACAGTA
TTTTGTGTTTATGATCATTTTCTCTGTGTGTCATGTACAGTTTTTCATCAATATTCCAAC
TAATCCCAATCCTTCATAAATATGAGATTAGGAGCTNATAAAGACAATTATAATGAAAG

Sequence 10301

GCGGGATAAAAAAGCACTTTTTTACTACCTCTTAATACGGTGGGGGCCCTCCAGGTCAAA
AACCACCTGCCCAAATTCACCCCTAAATGAAATCAAACCCACAGGGTTGGAATGGCAA
TAAAATTGATTACCTGAAAAAAGGGGATTACAGATCAAAAAACTGAAACCTCCCTAT
CAAGTTTTGGCTCCCTTTCTAAACAGTGACATGAAACCCAAGGGCTCCGGGAGGTCTCCT
ACACTTACCCTCTATCCCGGAATTGTTTTTCAGGGGGGGTCTAAGGGTTAACCCAAAAA
AAAAAAAAA

Sequence 10302

GGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGTGGGGGGAGGTCAGAGGG
AACAGTTGCTGTAAATTAGGTACAAGGATCAATTTGTGGTGTGCTGTGCGCGGGGGTGGG
GCATGTCGAAAGCCTTGTATTTCGAAAGAATGTGCTTTGAACGACGTTGCCACGGTCATT
CTACATTATGAATCTACTGTTTCCCTTGCAAGTGGCTCCCTTCGCCGCAACTCCACACC
TCGGGGTAACCGTAGAGATTGGCAGCAATGCCCATCCCCCTACCAGCACTGTGCAAGT
GACTTTGACAGGCAGAGAAAAAGCCAACCCAGTCAATTCGTCTGGAAAGCATTCCAGCAA
CCCAGAGAGGAGCCTCTGTTTCTCTCTCTGGGAAAAAGCCCCAAGGGTTTTGCTGAACCC
AGGTCTTCCTGCTCATCTCTCAGCAGTTCAGAGCTACATAAACAACCTCTGACCATTTAC
GCGATCATGTAAACCTACCCTGACATC

Sequence 10303

CGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGACTGTAGCTCATCTATGC
TCAGCAGCAGACTGCCTGGGGAACAGGAGACAATCTATTTGTCAAATGAAGAATTAGTCC
CTGATGCTATCCTTCGGCCTTGATCCCCCCTCAACACTCTCCTCTCTGTTTCTTCTGT
ATAAAGTCTTGCCTTGGGGGTTTTCCCTTAACTACAAATAACGGTAGCATAAAACAATCTG
CATTGTGCCTGCGATTCCCCATTTAGCATTTGTTGACAAATAAGAGTCATCAAATATTTA
TTATTTATCTACAATGCTTTTAGCACTGTGGGGTTACAAAATAATCTTTATAGAATAATC
TCTTGGCCTTGAGGAGGAGTTTATAGTCTTTGAGAGAGTGAAACCTCCATACATGGAA
CTTCAGATCAGAAGGTATGGTCTGTAGTCATTAGAAAAA

Sequence 10304

TGGGTACCGGGCCCCCCTCGGAGGTACTTCTAGNATTAATTAACGCGGGGTAGTAATT
TGTTCCAAGTCACACAACCTTATCAATGGTGGACTATTAGGACTTAGATCCCGGATATTC
AGCCTCAGTAAACGTCTCCCAAGCTCCAGGGCGCTGCGTCATCTGGCTTTAAAAAACGT
TTCTGGCCGGGCGCAGTAGCTCACGCCTGTCATCCCATCACTTTGGGAGGCCGAGGCGGG
CGGATCACGAGGTCAAGAGTTCGAGACCAGCCTGGCCAACATGGTGAAACCTCGTCTCCA
CTAAAAATACAAAAATTAGCTGGGCGTGGTGGCGGGCGCCTGTAATCCCAGCTACTCGGG
AGGCTGAGACAGGAGAATCGCTTGAACCCGGCAGGCGGGGTTGAGTGAGCCGAGATCGC
GCCGTTGCACTCCAGCCTGGGCAACAAGTAAGACTCCGTCTCAAAAAAAAAAAAAA

Table 8
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Sequence 10305

TTCTAGAAATTAATTAACGCGGGTGCCTTTTGTACATAGATGCTTAATTTAACAATTACC
TATTTATAGTTCTTATTATTGACGGGAATATGATTAGAAGTACCAAACTAAAAATTGCA
TTATGTACT

Sequence 10306

CGGGCCCTTCTCGGNAGTCTTCTAGNATTAATTAACGCGGGGCGCTCACTGGTTTGTCT
CTTCTGCCTTGTTCCCTCTTTCTCCCCATGCCAATATCAGTGAGAAAGGATCTTTTTTGA
TAGTAGGTTTCGTAGGTGATGTCTAAAAATTTTCATAAATACAGAAAAGAACGATAACAT
TTAGCCACCACCCAGATACATATTTTAGATGAAAAAGAAGTACAGAGGCCGAGTGTGGTG
GTTACAGCCTGTAATCCCAGCACTTTGGGAGGCCGAGGCTGGCGGATCACAGGGTCAGGA
GTTTCGAGACCAGCCTGACCAAGTTGGTGAAGTCCCGTCTCTACTAAAAATACAAAAATTA
GCCTGGCATGGTGGTACCCGCTGTAATCCCAGCTACTCAGGAGGCTGAGGCAGGAGAAT
CACTGACACCCAGGAGGTGGAGGTTGCAGTGGGCCGAGGTTGCATCATTGCACTCCAGCC
TGGGACTGTCTCACTCAGTCAGAGTGAGACTCCATCTGAAAAAAAAAAGGAAAAGGAGTA
CAGAAAAGCTGTGGTTTCTATTGTGAGCACTTTTCTGTACTTGGACATTTTTTACAATGA
GCTTTTGTACTTG

Sequence 10307

GCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGGACCCTGGCACTTCCTTTATA
TGGGAGTTAACCTGTCTCTATAATCAAGAATATACCACTATGTAAGCTTCCTGAGAACA
TACATATTTTTTCCCAATCTGTTTTATCAGTGAGGTCATTTTGGGTGATGGGTGACAAAA
CTCAACTTACCCTGCTTAGGTTAAAAAGAATATTAATTGGCTCATATTATGAAAACCTAA
GAACTAATCTGGCTCTAGGAAGAAGTGAATAAGAAAGCTCCAACCACGCAGTCAATGTTT
ACCCATTTTTTTTTCTTCACTCATTTGTCTCTGTTTCTTAATACAGTGGGTTCTCTCTCC
ATAGGCCCTCAGGTTTACATTACAGTCAACTGCAATCCCCAGAGAAAGGCTTTCTTTTTTC
CCAGAGGTTTCAACAAAATCTGGGTTGAGTCTCCTTGGAAGAACTGGTGTACATGCTTA
TTCGTGGAACCAATCACTGTGGCAGGGGCGGGGACTCTGTTGATTGGTCAGTCCTGNGTC
AGTTGCCCTGTCTGACGGGAAAGGAAATTACCTTCATCCCTCANACCCTGNGACTTAGT
GTGATGC

Sequence 10308

TTCTAGAAATTAATTAACGCGGGGCCAGAAGACTGAACAAGGCTGTCTGAGACCTCTGTT
TGGCAGAGATCTTGTGATTTCATATTTTATTTTTGTTTCAGAAAAGGTCTGCTATTGTTT
AAATTTCTAATGTAGCTCATAACACACAGCCAGTATCATTTCCCCTTCTACTGACTGAT
ATATACAAAAAAAAAAAAAA

Sequence 10309

CCCCCCTCGGGTACTTCTAGAATTAATTAACGCGGGGCATGCAATCTTCTCAGTGCT
TTATTAAGGCTGGCTTGACTTCGTTTAGTCTTAACAATGTATGGGCCAGAGATTTACAA
GTAACATGTTCTTTAAGAAATCACTACTTTAAGGTAGCTACTATTATTTTATCCAGCC
TTATAGATGAAAAAAAAACATATCTTTAGAAAATTTAATTTTAGTAAGTTTCCAGAGTC
AAAAAGTTAATAATGTCCAAACCAGAATGTGAGGTGAGGCAGTGAGACCCCTATGCTTTT
AACTTTTTTGCAGGGGAGTAGAGACAGAGTTTCACTTTGTTTCCAGTCTGGTCACGAAC
TCCTGGTTTCAAGTGATCCTCCAGCCTTGGCCTCCCAAAGTGCTGGGATTATAGGCATGA
ACCACCACACCTGGCCACTTTCAACCTCTCTAAACATTTTTTGTACATACTAG

Sequence 10310

CGGGCCCCCCTCGANAATACTTCTAGAATTAATTAACGCGGGGTTTTATAGTTATTTAAC
AAGATATACAAGCTCCACTGCATACTTTAGGCCATTTCTTTCTCTCTTTGCTTTCTTTCC
CTCCTGCTAATTTATCAAACATCATACATGTCGGGCACTATATGAGGTGCTGGGCTGTAC
TCGTGACCAAACACTTGACATGAATCCCATTTCATGTGACACTTGAAGTCTAGTAAGCTAC
ACAGACATTAGTCAAATAAATTGACAAAATAATATACAAATGCAGCTGTGGTAAGTGCTCT
AGCTTTTAAAGGGATTTATTTGATCTCACATGGGCATAGTGTAAAGAGTTAAGAAGGTTGG
CCAGGCACAGTGGCTCAGCCTGTAATCCCAGCACTTTGGGAGGCTGAGATGGGTGAATC
ACCTGAGGTGAGGGGTTTCGAGACCAGCCTTACCAATATGGTGAAACCCTGTCTCTACTAA
AATTACAAAAGTTAGCCATGCGTGTGGCGTGTGCCTGGAGTCCCAGCTACTC

Sequence 10311

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGCTTATTTTGCTTATAAC
TGACATGAGAAAATCTGGCAATACATAAAAAATAATCTGTTTAAATGAAATTTAAACAAGA
AGTTGAATTCATTTTTTTAAATTACCACTTTCTCTTACATGATGATAAGTATTAGTAGTT
TTTATTTTATTTTATTATCAACTGATCTTTTCAAAGGTCAAGTCAATCAAGTAAATAGGC

Table 8
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TTTTGGTGTGGGTGGTAAAGTCGAGAAAAATCAAAAATCAAATTTGAAAACAAAAATAT
AATTAAGCCTGAGTTTAGTGGAATTTAATCTAGTTAGCTATAGGCTAAATCCAATACCTT
TGCATCTCCATAATTAGGCATAAGCAGCAGGCAACTTGTACTGGTGACCAGCAGTCCACA
GCCCAGATTGAGGAGACAACTGAGCTTTGGGATTGGAATGGAGATGTGACTAGTGAGAG
GAATTTTAACTGGTAGAGCCCAGAGCCTTAGCTTCATCTAAAACAGAACTCCAGGGGC
TACTCTCCTGACCGCAAACCTAACAGAGCCTGGAACCAGAATCAGTTAACCACTGCCAA
ATTATTTCAGTACCTCTGTTTTG

Sequence 10312

CCGGGCCCCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGAGCAAGGATAAGGACAG
AGGTGCTTTATATCCTTGGAAGTCAAACAGGGAGCCATTTATCAGAAATGGGGCCAGCTT
GCGACACAAATGGAAGCATAGAAATGTCATAAAAGTGTATCTTCCAGCTAGGTGCAGT
GGCTTATGCCTTTAATCCCAGCACTTTGGGGAGGCCAAGGTGGAAGGATTGCTTGAACCC
AGAACTTTGAGACCAGCCTGGGCAACATAGCAAGACCTTATCTCAAAAAAAAAAAAAA

Sequence 10313

CGGGCCCCCCTCGAAAGTCTTCTAGNATTAATTAACGCGGGGCACACCCATCCATGGTT
ATTGAGTGTAGAAATCTTGTGTCTATTTTTGCTTCATGTGGTATGGCTAAAAGCTGTCAC
ATTGACTGGCACTTAAATAGGCCCTCAAATTATTTCTGAAGGAATATGTGTGGGTAAGT
GAAAGTGTCTTGATATCAAATATATCACCAAGTCCAGTTGATGCCACCCCCAAAATATC
GCTGGAATCCATTTATTCCTCTTTATCTTCCCTGCTGGTCCCAGCCACCATCATCTCTGG
TCTAACCTATTAAATTGTTTCTCAGTGGTCTGCCTGAGAACTTTTCCCCTCCATTTAGC
AGTGTCTTCACAGCAGCCAGAGGGCCGGGCACGGTGGCTCTTGCCTGTAATCCCAGCACT
TTGAGAGGCCAAGTCAGGCAGATCACGAGGTGAGGAGATTGAGACCATCCTGTCCAACAT
GGTGAACCGCACCTCTACTAAAAATACAAAAATTAGCTGGGCCTGGTGGTGCGCGCCTG
TAGTCCCAGCTATTTGGGAGGCTGANGCANGAGAATCGCTTGAACCCG

Sequence 10314

CGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGGGAGGAGGAGGGAAGGTA
AGAGATTGGCCCCAAGACACAGCTTTTTAACAAGGAGCCAGGACTATCAATTTTCAGCTAT
CAAATGTTGACTCTCTCACTAGAAAGTTACATTGTGGGTACAGTGTAGCATGTGTGCTA
ACTTGAGCATCTAAGGCTCTATCAGAACTATTGTTGTTAATAATCCAGAACTAAAACACT
TCTGAATTTACCATATCAGGTTTGCAAAATCCTTTTGACAGAGCTAAATCCAAGGGCAC
AAATGAAATCACACGGCCACATCTCTATTTCCCCTAGAACAGACTCACTTCCTG
TAGCACACATAATGCCATCAGCCCCCTACCCCTTACATCACTTAGCTTGAATGACAACATT
TTTATAGACATATGCCAAAGAGGACAGTCACTGGCCCAACTTGAGTCATGTGCCCCCTCCC
TGTGTCCAAGATATAGGACATCCTATTTCTTTGGTCACTTGGCCACTAGTAAGAATGGG
CCCTGGCTGAAC

Sequence 10315

CCGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGTGCTAAGAGAGAAAGG
AACAGGAATCTCCAGTTCTGAGAGCCTCCCAGGCTTTCTCCCTCGATGTTTAAATTT
GGAAAACAGGCTTTTCTATCCGGATGAACAGAGATAATTTGTGTGGATGGATGTTCTGT
GAAGGCCTATTGTGTCGAGCAGCGTATTAACATAAACATGGCTCTTCCCCCAAGAAAC
TTACATTTTCAGTAAGGGAGCCTGGCCAAAATGGAAGTCAAGGTTCAAATCCTGGAGT
GCAGAAGAAGCATTAGGCATTGACCCTGTGGCTTCCTAATAGATCCGCAAAGTGCTTTGT
TCCTGGAAATCATCCGATGAGTAGTTCAAGTGCTATTGTATATCTTGTAGAGCAGCCGAA
GTGCCACAAAATGAACTAAAATCTCCCTGCAGAGTTGCTGTATCATATGCTGAGAACATT
CGGAACTTTCAACAAATTCATGTTACGATCCTGGGTAGCCATGGTTAAATCTGTACAGGG
GTTAAATGAGAAATATGAGCCTGCTGTTTAGTGTCTTCTG

Sequence 10316

CCGGGCCCCCCTCGGGAGTCTTCTAGNAATTAATTAACGCGGGGATATTAGTGATTATTT
TCTCATTAGACTTGTTTTATTCAAGAAAGAAGCCAACAATAGTACATAAATAAATAAGGG
ACCCATGTTACCTTATTCTCATCACAACATTTATTTTTTACAGACAGAATTTTGTGATAA
GTATTTGTGATGATTTGGGGAAACTATAAGCATTGAAATATA

Sequence 10317

CCCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGGGCATTATTTTTTCTTCTCCTAA
AGGAGAATTTTTTGAACAAGTTTCAAACATCACAATTAGGGATTATTCAGTTTAAAG
GCCTGATAAAAGCCAATTGGAAAACACCAGAAATAGTGTTCAATTAATATGTGACAGATT
ACATAATAATGAACACAAAAAAGAGGACACCTGTTTCTTTCCACTCCTAATCTATTCA
TAAGGGAAATTTGACAGAATGACAGGATGCCACACATTCAGTTTCTAAAATTTTTATA

Table 8
13/1983

TTGGCCTTTTCTGGAAAAATGAAAAGATTCAAGTTTGTGTTGTTTGGCTAAATCGTATCAT
ATGACATGGTTACCTGAGGGTCTAAATTGTACACACCAAGAATAAGGAGACCTACATTCT
TGTCGTAGTTCTGCTATTAGCTAGTTGTGCAACTTGAGGGAGTCACTCAACTTCTTTCAA
GTCATAAGCTTGATGATTTCTAAGTACCTCCAGTTTGAATAGTCTGTGATTCTGCTCTAA
AAATTAAGTTTGTAGATGATTGATGCTTTTTACAGTCTTTACAAATTTG

Sequence 10318

CGGGCCCCCCTCGAAAAGTCTTCTAGAATTAATTAACGCGGGATAGTGATGGGGACTGAA
AAGCCCTCCAACCTCTGAGTCTGGCTTTTTTTCATGATTGATTGTTGGGATTGTTTCCATG
AAGTAGGGTACATTTTGTGGCCAAATAGCTTCTGCTGTCTTGGAACTGTTTCCAGTTT
AGATGATAAAGTTAGTTATTCTCTTCTATATGAGGAAGCAAGAAGTCTAGGTATCCC
CTAGGCTTCCAATTCATAAACTCTACTGGAAGTAAAAATAATTATAAGAGAAGAATAAA
AAAAAAAAAAAAA

Sequence 10319

CGGGCCCCCCTCGAGGTACTTCTAGNATTAATTAACGCGGGTACTTTCACTATTCATT
CTTTTAATAGAAGGAGAACTAGAAACAATCAAGTACTTTTTTCTTTAGCCTTGACTAAA
TTATTGGTAGCAAGGAGAAGAATCCATCTCCTAGCATTCTAGCAACTGAATACTCTCTTG
GATCCTCTTCTGACTGCCAAGCTCTAGAAAAATAATCAGTGGCCATATGCAGGCCTATAA
CATGAATCTAGGCAGCTCAAAGGAGGGTGAACTGATGGTCTTTGGCAGTCTATGATCA
ACCTTGGGAAAATTATTCTTTCTTGTGCTAATTTACCATATGTAAATGCTACCTCTTAT
TTAGCACCTGACAAATGCTAAGTGTCTACTTGGCATTCTTACTTCTTTAGAGACATTTCA
TTTAAACCTCACAATAACTTTGTGTTTTACTTTTATTTAGATACAAAAGAACTGAGATTC
AGTAACTTGCCCGAAGTCAAATATATAAATTAAGGCAATTCAACCTGTCAAATCTATTT
CANAGGGATAATATAACTCAGAAAATGCATGNTAAGCATTGAGATGGCTGTGGTACTGCT
TCT

Sequence 10320

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGGGGAATGGGGGCTCTG
TGTTACACACGACGACCTTCGTGCTATCACGGCCTTGTTGCTTGCCACTACGGAGCCAT
GTGTTGCCACGCTGGTTTCGCTGGCATCATAGAGATGTCATTGGGCCAACCTGAAACAAC
AGGGATACGCCCAAAAAAGATCTACTGTCTTCCAGCTAAACGATTGACCAGTAAAATCTA
GCGGGCCACTATTGATAGAGGTGAGCGCTGTCCATATGCATCT

Sequence 10321

CCGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGTCTCACTGTGTTGCCT
AGGCTAGTCTTGAACCTCTGGGCTAAAGCAATCCTCCCACTTCACTGTCTCAAGGTACTA
GGATTACAGGCAAGAGCCACCGTGTCCAGCCTGCACCAAGTTTTGATTTTGAAGTCACT
AAAGCTCAAAGCACTTTAGAGGAATGGCCATTGGCATATAGGAAAAACATGCCTAACTGC
CCTAAAATAGTGGAGGCTTCCACAGTCCACGGCAGAGCCACAGCTCTAAGAGGTGCTCAG
AGCAAGTATGCAATTTCAATCGTGTCTCTGTAGAAGTTCTAATACTGCACAGATTAATGA
AACAGGGAAAGATAATAGCATGACTCGTAGACATGCTGTTGTTAAATTCAAGGTGTTGCA
GAAAGCTTCTTAGTATTTAAGCAATGACAGCTGGAGGAACTAGATTCTCTCTGCAATTAA
AATGTAAGATCTGATACTAGAAAGTTAATAGGTCTTGTGAAAGCAAATCAGTATTTTTCA
GAGATGTGCATCTTATGACAAAAAGAATCACAATATTGAAGATAAGGTGAACCAAAGTGC
TGCTGGC

Sequence 10322

CGGGCCCCCCTCGGAAGTCTTCTAGNATTAATTAACGCGGGTGTGTGTCAGTGTACAAC
TGAGGACAATTCAGCACGTGCTAGACCTTCCATCTAATATGAGCCAGATACTCTCTCA
GGGGCTGCTCTTGCTAAAATAACAGAGCTTCCATAGTTTCCCCTGGATGCCTGGCCACATC
CAGTTTCTGTAGAAAGATCACATCTTGTGTGATCTGCTGATATAATAACAAAACGAGAACAC
AAATGGTAGAAAACAAACAACAAAACTGTTTCAGATCCCAACAATTCAAAAAGGAGACG
TCTCAGAAAGCAAGAGGAGGCCTGGACTGTGCCAGATTTCACTTGAGCCTCTGAGGTGAG
CTCTGACATCCACACCACTTAAAGGCAGGCAAGTCCAGCCTGGGGAATGGACTCCAGGTT
TTGAGTAGGACCGGGGGAGTCTCTGAGCTTAACCAGCAAGCCGAGATAAAACAGGTTGC
ACTGAGTTGGGGGCCTTCCAAGCCAGGCATCTGTGGCATTGGGTGTGTCACCAAATCCAT
TAGCCG

Sequence 10323

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGTGGCTGGGACATCTTTG
TTATTCCTCCACAGGGGCTCGCCACAAGGCAACTTGGGCTTCTCCACAGCATGGTGGTC
TCAGCGTTTCAACAGGGCAGAAGTGGAAGCTGCCCGGCTCCTAGGGGCTAACCTGGCAC

Table 8
14/1983

AGCATCACTTCCACTACATTCTATTGGTCAAAGCAAGACACAAAAAGCTGGGGACAATGG
TGTGCACCTGAGGTCCCAGTTACTCAGGAGGTTGAGGCAGGAAGATCGGGAGTTCAAACC
CAACTTGGGCAGTGTAGTGAGACCCTGTCTCTAAAAACCCAAAAAAAAAAAAAAAAA

Sequence 10324

CCCCCCTCGGGGTACTTCTAGNAATTAATTAACGCGGGTGGGGTGACCCAGGCAGACTT
CACCTCCCCANACGATGCAGATCCACTCTGGGCTGGGCCTCTGCTCTTTCCTGGGCTGA
CGTAAAGCGTTCTGCTCATTTATAGATGAGAGTCGTGCCGTGCAGAACCCAGCATGTAC
CCGTGGTGCTGCTGCCATGCGGCGCTTCTGACCAGGGGTCTTTGCATGAGGCCCTTGAC
AGGGCTGCTCTGGGTGGTCACTTTGGGTGTGTACAGTAAATACACGTGACATAAAATTC
ACTATTTTAACCACTGGGGCATTCTTTCTTTCTTTTTTTTTGTTTGTGTTTGAAC
AGGGTCTCACTCTGTCAACCAGGCTAGAGTGCTGCGGTGCGATCACAGCTCACTGCACCTC
GAGCCTGGGTGACAGAGCAAAGCCTTGTCTCNNAAAAAAAAAAAAAAAAAAAGGAAAAGA
AAAAAAA

Sequence 10325

CCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGATCTTAAAAAAGGATACTTCCTA
TGCTTTATATATATATATATTTTTCTGCTCTTTTATACTTGTTTCTCTAATATTTTCAATG
TCAATATTCATGTTTATATTTAAAGTAATAAAATCAGTATAATACATCATCCTTACCTT
CACAGTTCAAACCCCATGCTAATTGATGACTCTCTAAACTATGTCTCTTATATATTGG
TAATTTTACCCTATAGAACTTCCCATATTTAAAAAGCTGAAAAGAGGCTGGGCACGGTGG
CTCATGCCTGTAATCCAAGAACTTTGGGAGGCCAAGGCGGCAGATCACTTGAGGTCAGG
AGTTTCGAGACCAGTCTGGCCATCATGATGAAACCTTGTCTCTACTAAAAAAAAAAAAAAAA

Sequence 10326

GGTACCGGGCCCCCCCCCTCGAAATACTTCTAGNATTAATTAACGCGGGACTGACATAGTT
TATCCCCCTCATGGACAAAGGAGAAAAACTATGTATTCTCTCAATGGATATAAAATTATT
TTAAATATTCATATTTTTTCTAATTAAGGAAAAATCCTTGCTCACTTATTAATAGAA
AATATTCGGCCGGGCGCGGTGGCTCACGCCTGTAATCCCAGCACTTTGGGAGGCCGAGG
CGGGCGGATCACGAGGTGAGGAGATCGAGACCATCCTGGCTAACACGGTGAAACCCCGTC
TCTACTAAAAATACAAAAAAATAGCCGGGCGAGGTGGCGGGCGCCTGTAGTCCCAGC
TACTTGGGAGGCTGAGGCAGGAGAAATGGCGTGAACCCAGGGGGCGGAGACTGCAGTGAG
CCGAGATTGCGCCACTGCAGTCCAGCCTGGGCGACAGCGAGACTCTGTCTCAAAAAAAAA
AAAAA

Sequence 10327

GGTACCGGGCCCCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGATTGCCCGTTTAT
ATGAATCTGAATTTGAGACTTCATCCACTTATATATCCATCCTAAATCAGAAGATTTTGG
GTTGCCAAAAGGATGGCTCAGGATTCAGTTGCAAAAGATTACATCCTGATCCTTTCTGC
GTAGTCTTGCTTATTGGGTAATGAAAGATTACCCCGAGCCTTGACACATTACTGGAAC
AAACACCAAAGGAGGATGATGAACATCAAGTTATCATCAAGTCTTGTAAACCGGTGGCAT
TTAGTTTTTATAACTACCTTCGAACTCATCCTTTGCTCATTCGAAGAAATCTTGCCTCCC
CTGAAGGAACCTTTGGCAACCTTAGGTCTCAAACTGAGAAGAACTTTGTTGATAAAATTA
ACCTCATAGAAAAAAAAAAAAAAAAA

Sequence 10328

AGACTGGGGTACCGGGCCCCCCCCCTCGGAATACTTCTAGNAATTAATTAACGCGGGGGTT
GCGGTGAGCGGAGATCGTGACATTGCACTCCAGACTGGGTGGCGGGAGTGAAACCCTGTC
TCAAAAAAAAAAAAAACAAGATTGAGCAACAGTGCTCCTGGGGCAGAGACCAGCATATGTA
AAGCCAGATCAGGCAGCAAGTCTGGTGCACTAGAAGCAGGCCCTTCAGCCAGACAGGAC
GAAGCTCACAGGGCAGCAAAACCACCAACAGAGCTTGGCCTTCACCCCAAGGGCAGCAGG
CGCAAGTGAGGGTTGTAGGCAGCTGGCTAGTGAGGTGAGATGTGTGTTTTAGAATCATCT
GTCCGACCTGTTCAAAAGCTTTGCTCAAACCCATTAAAGAAAAAAAAAAAAAAAAA

Sequence 10329

CCCCCCTCGGGGTACTTCTAGAATTAATTAACGCGGGTCTAGTCATGGGGATGAGCTCT
TGGTGTGAACAGTGATCCAGAGAGAGTTTTGTAGACTCTGAGTTTCAAGAATTTGGATCT
TTGCAAACCAATCAACCTCAATTATCTTTCCCTACTAAATGTCCAGACCAAATTTATGAC
AAAACAACCTTCATCTTGCTTCCCAATTTGACTAAATAAAAAATAACATTTCTAATCAATT
GATACTTTAATTAACGTAACTCAGCTCCTGAGCTCCTCTTATGTGCCAGACATGAGAAG
GCAAGTAAATCATAGCTCACACATGATGGAGCTCCAGTTTTCATGAATAAAGGATTGCAG
TAAATGTAACAGGAATGTTTCAAGGATGCAAAATCCCTACAAAGAAGCCGCTGACAGCTGG

Table 8
15/1983

AAATGCTGGGGGAACTTTGCAAAGGATATGATGATTGAACTAGATTTTTATAGAATGAA
TAGGGGTTTATCCAGTGAAATAGGAAAGAAAAGCAATTCAGAGAAGAAAGAGTATGCAC
AAAGCACANATGTGTGAAAAGAGGTTAACATTAGAGAATCGTGAGTGGATCTGTGTGGTA
TGA

Sequence 10330

CCCCCTCGGGAGTCTTCTAGAATTAATTAACGCGGGGAGCCTGTTTTGACATTCTGCA
GGGGGCACGTGACCCTAAGGCAGTGTGCGCACAGTCTGATTTACAACAAGGGTCACTAGT
CAGCCCAGGCCGTGTGTGGCAGCTCACACCTGTAATCTCAGCACTTTAACAGGCCAAAGC
GAGTGGATCACCTGAGGTCAGAGTTCAAAAGACCATCCTGGCCAACATGGTGAAACTTC
ATCTTTACTAAAAAGAACTAAAA

Sequence 10331

GGCCCCCTCGNGGTACTTCTAGAATTAATTAACGCGGGGGAACGGGGGCGGGATGGC
GCACGGCGAGATTTTTGGGCGCCGAGAGCTGCCGATTAGAATCATATAACAGATGGGCT
GTGGAGCCTGACCCAACAGAGAAGCGGTGATATGCAGTAGCTAGGAAGGG

Sequence 10332

CGGGCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGAGATCAAAAATTTAATGA
CATTATAGGATATTACAAAGGCATTTCAATATTTGTGATATTGTAATCAGATAGAATTAT
GAAAGTCATTAGTTAGAGAAACAGACTGTCTGAATGTCTGTCTGTTTTACAAAGGAAGA
TAATACAACAACAAATAGTCATAAGAAAAAGAAAAATCAAACCTTGAATGATGAAACAGA
GGCAGGGACCACACTGTATCTACACAGTTTTAACTGAAGAATTGTGTTACCGTTAGAGG
TACGAGTGATGGAACGCTGCAGGTTTCAAGGAATGGTTAGGGAGCGGTGCAGAGCCTATGCT
AACCTGAAAAGCAGCTTTTTGAAAATTAGCAAAGATATCATCTCTGGGTGAACCTTAAAG
TATTTCTCTCCATAAATTTCTAGAGTGCCTCCTGTGTATGGACAAAGGGGATCCTTTTCG
ATTGCAGTTGCAACTT

Sequence 10333

CGGGCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGGCTTATGAAACCNACTTTT
CAGGAAGCGACCCATTCTCACAGCTGAACACTGCATCCTCTCTTTTGGGAATAGCCA
TATGGCATTAAATCAATGAGCATTTTCTTGATGCCTTACTGAAACAAATACCTTTTCTG
GTTTTATTTCTAAAATCAATCCTATTCTCTAACACCAAAGCAGTTCTTGCTATCAGCA

Sequence 10334

CCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGAGAAAGGGAAGAGAGACTTTA
AATTTTACTTGTACAAACCTTTTCAAAAATAGTGGATGTATTCAAGGACTGCTTTTGTAAT
AAAAAAAAAATACACATATAAAAATAGAGAAAACCAACTTGTGACCAAGCACTTTTGGC
CTTAGTTTCTTCTTACAAAATGAGTTCTGAACTGAGCCATTTCAAACCTTCTTTTTTTT
TGAGATGGAGTCTTACACTGTCAACCGGGCTGGAGTGCAATGGCNCAATCTNANCTNACT
ACAACCTCTGCCTCCCGGGTTCAAGCAATTCTCCTGGGAGGCGGAGCTTGCAGTGAGCCG
AGATCGCACCACTGCACTCCAGCCTGG

Sequence 10335

CGGGCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGGCACATTGCACAACCTC
ACTGTACCTCAGTTTCCTTCATCTATAAACTGCCTCCCTAGGGTTGCTGATGTATGTTGA
TCTATTACAAAGGACTGAAAACAGCCACTGGCACATAGGAAGCCCTCACGTAAGTGTTCA
CCATTATTTGTATGATTACCATATCCTGTGCAAGGTCCCTCCTAAGATGTAAGCTGCCTT
AGGTCTCCAGGGCTCCCCCTTTGGAATGTGAGCCCCCTTACAGATTACGTACCTGATTTCT
GGGCTTCGAGGCAAGACAGACATGGCCAAGGGGAGAAAAGCAGT

Sequence 10336

CCCCCTCGGGAAGTCTTCTAGAATTAATTAACGCGGGGAGGTCTTTTCCCTCATGATAA
CAGGCCAGGAGTGATGGCTCACACTTGCGAATCCCAGCACTTTGGGAGGCCAAGGTAGGA
GGATTTGCTTGAACCTAGGAGTTTGTAGACAAGCCTGGGCAATATAGTGAGATCCCATCTC
TATAATAATAGTAAATAACTATATCAACAGCAGCAGCCATTACCTTTATTAAGTGCTGT
GCTTAGGCACTTTGCTTTATATACATTATTTTAGCTAATCTTTACAAGGACCACCACCTA
CTGAGGTAGGTACTATTATTATCCCCAAAAAAAAAAAAAAAA

Sequence 10337

CCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGGAGACTCAACAACAGGCTAT
GAAATAACTTTTTGGGATGAAAATATTCTGTATCTTGAAGTGTGGTAAAAGTTACAAGACT
GCACTTCTTTGTCAAATTTTATAGAATTATATACCTAATAAGGGTAAATTTTACTGTATA
TAAATTATACCTAATTAACCTAAAAAAATCAACACCAAGTCAATGTGATAAGGCAGTAT
AAGAATCTTCTCTCAAATTTTAGACATAAAGATATAACTTATTTTAACAAAATAAAAATG

Table 8
16/1983

TACTAGTCATACTGCATCAAATTTATTCCTTCAAAACTCCGTGTCATCTGATTTTTTTTAA
AGCAAAAATATTTTCATGGTATTTTATATCATATTAATAATGCGAGTCAGAGAAGCATT
ATTGAAGCACATAAATACGAACACTGTAGATTATCAGACTAGTATACTAAATAGTTGGAT
TTCAACCATTAAGGTTGTAGAAGAATGGCTAAACTTCTATCTAGGGAAAATGTTGATTA
AAGGGCCAAGAAAGGTTAATGGGATTCTGGCACGTTATCCTTTCTATAAATGACTCANAA
TCAGGTAAAGTCTT

Sequence 10338

AGCAATTAATTAACGCGGGCAACTTTGGGATTTTAAAAATTCTCTAAATATGGACTTTTA
GGGGGTACGGGAGTGAGAGAGTTGTAATTTCCATTTTAAAGTCCACTAGAAACCAATATA
TTAGGGTACAGCATATTTCTGTCTGTAGTAGATTTTAGAAACATGCAAATGAAGCACACT
GTTTTCCATGGTTGTTTGATTTTCATTTGGGTGTTTTGAATTTAATGAGATTTTCTGAT
TTAGTGACCAATAAGCTGACACCATGTTTTACTGTGGAAGGATATTTTTTTCTTTTAAT
AAGCACAGCAATTCATTGCATGATACACCATTGCTGTTTTGTGATGAGGAAGAACCTACA
AATCCAATGTACGTTTATTCTCCCTTTTGCTAGGACAAAATGAATTTGTCCAGCCATATC
ATAGCCTAGAGATATATTATTTCTGTGGCAGGAATCCATTGACAAAAA

Sequence 10339

CGGGCCCCCCCCCTCGAAAGTCTTCTAGAAATTAATTAACGCGGGCTCCTTCGCTCTGACCT
TGTCTCTTCATGCGCCACCTGAATGAAATATTCAAGCACGTCATTCTTTCAAGCATCCC
TTCTTGGGGTAGGCGAGGAGGTTGGTGTGTATACAGAGGGTCTGTATTCTGGCTCAGT
TCTTGTCTTACCTCCAGCAGCCTGACCTCTCTGCGTCTCTATTTTCTCATCTGAAAAAT
GGGAGTATTACTGAACAAAAGGGTTCTGCGCTTGCTCTGCTAGAAGCCAATCTTGATCAG
GTGCAGAGGTTTCATGCTGTAAATTCAGCACTTTGGGAGACTGAGGTGGGTGGATCACCT
GATGTTAGGATTTCAAAACCAGCCTGGTCAACATGGCAAAACCCCGTCTCTACTAAAAAT
ACAAAAATTAGGTGGGCGTGGTGGTAGGTGCCTGTTAACCTTAGCTACTCGGGAGGCTGA
GGCAGGAGAATCGCTTGAACCTGNGAGGTGGTGGTGCAGTGAGCTGAGATCACACCACT
GCACTCCAGCTAGGGCAATAGAATAAGACTCTGTCTCCAAAA

Sequence 10340

CCCCCTCGAGAAGTACTTCTAGAAATTAATTAACGCGGGCCCCACAGCTTTAAGATACAA
CTATGACTTTTCTCCCAACACCTAAATTCTTTTGCTGCTTTGAAAGGAACAAAATTGTG
AGACAAGAACTCACAGAAGCCTAACCTTATCCTTAATCAGGACTTAAAAGAAAACAAAA
TAGACTAAGAAATTTTCAAGAGGGAACTAGTTACACAGTGCATGTTTCATGATATGGATA
TTGACTACAGAGAAAACATTTCCAGAGAGACACAAGATGATAATAAAACACGCAAGT
TCTAACACTGGTTCTCATACTTTTTTGCTAGTCATATTCAGGGTCTTCTCTCAAAAAA
AAAAA

Sequence 10341

CTAAGAAGCTATCCTAAGAAGAATATAGCCAAAATTTCTATGCAAAAACATTCATAGTAG
TATTATATGCAGTATTGAGAAACAAGTTTTTACTTTTGTCTTAGGAAGACAGACTGTTAG
CCAAATTAAACCATATTACCTAGCAAAATATTATTTTGTAAACAAAAGGCATAACTAAGG
TAATGCTTACTCTGGTGTGCTGGAAAAAGCACAGGCTCTAGAAAACGCTACCAAGTTAAA
ATCTCAAGTTGATCCTGGACTAAATCTATGACTATTAGCAAGATAGACAAACTCTCAACT
TGCATTTCTCATGTGAAAATGTGATGTAATTATACTGCCTTATGTGGATATAATCAGTA
AACAAGAAAAGTATCCCAAATGTCTAGTCTGAAGCTTGGCACATACAATAAACTAGTTAC
TGTATCATGATGATAAATGGAAAAGGCAGGATACAAGTAAGAAGTGTAGTAGGACAACT
ATGTAAAAATATTCACAG

Sequence 10342

CGGGCCCTTTCTCGANAGTCTTCTAGAAATTAATTAACGCGGGAACCTAGTTTTAAGAATG
TTTTATTATAGTCATGTATAAAAATTATTAACATATAGTAACTCACTGGCATATTGAGA
AGTAAGTATAATAAAGAATCTTAAAGCATGGGCCATATCTCAAAGAATCATAAACCAAAA
TTAATATAATTGAGCATGCAATTAGTCCTTTATGCTAAAACATGAAAAATGTTTTTCAT
ATATGAGGTTCTTTGGAAAGGTATTTACACTTAAGACTATTTGGAAAGAAGCTTAAAGAG
AAATATGATACAAATAGTCTGCACTAGGCTGTCTTGAACCTCTTGCACATTTAATTTAAT
TCAACAGACGTGTATTGAATATCTGCTATGTAAAGTTCTGTGTTACTTGCTAAGAGGGAT
ACTAAGATATGTAAAAA

Sequence 10343

CCGGGCCCCCCCCCTCGAAAGTCTTCTAGNAATTAATTAACGCGGGGTCATGCCTCATGAAC
TAAACCGCACCTGGCTATGCTCGGCTTACTTGGCCTAAGGACGCCGGATGGACTCACAG
CCGGCGCATAACGGTGGAGGGATCCGCCACCTTATTGGCGCTATTCTCCCTACTGATCCA

Table 8
17/1983

TGCTGCTATGTGATGGGATGCACCATGTCCAGGCGATAGCTGGC

Sequence 10344

CCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGCAGCCTGGGCGACAGTGATGCCC
TGTCTCAAAAAAAAAAAAAACAGTAATTTACACTATTATAGTCCCCAAATTTAAAATT
TGAATACGATGATGGAGGAGCTATGCAGCGATGGATTGAGGTTATTCATAACTGATTATA
AAAGCAGTTATTTTATTGGTGGGGAAACACTGACAAGTCAACAGATTCATTTACGCCATT
TTCTCTCCTAAAAAATGACATTCTAATAAAAAAACTAACATTTACACCACCCAATGAA
TTATGCCACTGCAATATGCCCTTCTACATTTTCCAAGAACTTAAGCTGTGTACACAGGT
GTCTAAATTAGTAATAAAATTAAGTGGAGAACTATTACTCCAATTTTAAAAGCAGCAC
GGATTAAAAAAGTAAGAAGGGGGCAAGGCACGGTGACTCACGCCTGTAATCCCAGAACTC
TGGGAGGCTGAGGCAGGCGGATCACTTGAGGTGAGTTCAAGACCAGCCTGGCCAACCTAG
TGAAATCTGATCTCTACCAAAAATACAAAATTAGTCAGGCGTGGTGGCGGGCGCCTGTA
GTCCAGCTACT

Sequence 10345

TGGGTACCGNGCCCCCTCGGAGGTACTTCTAGNATTAATTAACGCGGGGAGGGGG
CGTGGGAACACGTCTAACCCAGGTGCCAGGCAAAGGCTCCTAGGAGGTGGAGGGAGACT
CCACCCTACGTCTGCAGCCAGGGTTGGCAGGTTCTTTTCAAAGGTCAAACCAATGATC
TTCAAGGAAATTTCAGACACTCGGCAGAGATTGCGATGGAATTAGAAATTAATACAATGAA
AACAGCGTATCATTAACGCAGTGAAAACAGCATCTGACAGGAAATGTAATTCTGTGGA
ACAGAGAGTTTGTGCAAAAATGTAAAATGATGACGGTTTCTTTCGTGGTTCACCTGTGA
TCCGTGTGGGTCTTGATGATTTAACCTAAACAATGATGCAACTCCGTTATGAGAAAACA
GGAAGCAACAGGAGGTGAAAAGGTGATGTGTGCAGGACACAGACCAGAAATGTGTGGCTC
TAAGCCCTCATCTTCTGCAGCGGGCGTCAGCAGCTCATGCTGACTCCGGAATAATCCAGG
AGACACTTAAGCATGTTATTTGGAAATGTGGACATAAATACCAAAAAGAAGAATCTAANA
GAGGTGAAAAGCGATCC

Sequence 10346

CCCCCTCGAGAGTCTTCTAGAATTAATTAACGCCGGGCTGTACACTNGAAAATGGTTAC
CATGGTAAATTTTATGCCAAGTTTATTTTACTACAATTTAAAGATACATANNTTCTCCA
TTGAAAAAATTCATTCTAACTCACCTATCAGCTATGATTTTCTGGCTATTGCACTGCAT
GTTGCTGTTCTCTTGGGGAGCTTTGACTGCACATACAAAACATCTTCAGGGAGAATGGCA
ATAACTAGCCCCAAGATCAAAAAGAACAAATACAAGACTGAGTTCTGGTATTTCCAGTTTA
GCCATCAGCACTTAGATAGTCTAACAGTCTGCAATGAGGAATGCAGCCACAGATAAGTAA
CTGAGCCACAAAGTAGAAACATACATATCAGATGAACAGTGCCACATGTTTTACAGTAGC
CTGAAAGTGAAATCAACAAAACCTGCTCATCAATAAACAACCTGGATAAACAATAATTAATA
TATTCATTGAGTGGAAATGCTATTCAGTCATAAAAAGGGGTGAAGCGGTAACGCGTACTAC
AACACAGATGAACCTTGAAAACATTATGCCCAATGAAAAGAGCCACTCACAAAAGGTCAT
ATATG

Sequence 10347

TCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTGGGGCTCAACTTGCCTCCTATTGGAA
TTAACCGGGTTTAAGTTTTGGCTGCACTGTTCCCTTTGCCGGAAATGGAAACCTTCCTTT
TCAAAAACCCACCTCCTTTCCACCTTCCATTGGAAAAATATTATTCAATTTTTAAAACCC
TAATTGGCCATAAGTTCCCTCAAAAACCTAACTTTAACCTCCCTTCTTTAAAAAATGAA
ACCCCTGCCTTTTTTGGGTAAGTGCCTTATCGAAGTTGGGAACAGCTAAAACCTTTAT
TTTTTTATTCTATATCCCTACCCCTAAATGAGGGCAGGGGCTAATGTTT

Sequence 10348

CCGGGCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGCAGCAGTTCAATGGGTG
AAGTGTTAGAGAGAATCTAAGCCCTGTTTTAGCCTCCTTCCATATCTGCTAACGTCACCT
ATGTACAAAGCTCTCTCATTTAGCACACTTGACTGTAATCACTGGGTTATAGTTTTTGT
TATTTTTCTCTACTAGACTGAATATCCTAAGTTACAAACAATGTTATTTTATTCATTTTT
TGTATGCTTAGCATAATACATATTATAAGTGGCTTAATAAAAGTTTGGTAAGTATTGTA
TGGATCGATGAATGAATGAGTGAGCTAACATTCTATATCACTATGCATGTATGTAATCTG
TAAACGTATAATCCCCCTCAACTGCAGGTGAAGAGTAAGTATTTATATAGCTAGACTGCT
ACACACCTTGGATTTTACCTTGTGATACTCAGATAGGCTCTCAATGTCCAGCAGGTGAA
TTCAATTCTCTGAACTTCTCTGGCATCACATCTATAGATCTTTAATGCACCTATTAAAA
AGTGGGTAAAAA

Sequence 10349

GGGTACCGGGCCCCCTCGAGAGTACTTCTAGAATTAATTAACGCGGGCATGATAAAG

Table 8
18/1983

AGCTATTTCCTATTTTTATTACATTATTCCCTTACAATAAAATATGCCTTCATTTTTTTCT
TACCAGAAAATTGAAATCTCCAAACCAAAAATCTAAACATAGAATACCTTACATTAGCC
TAATTTGCTGGGTCTACAAGCTGATCCGGAACAAATGAACAAGTGGAAAGAATTTTTTA
CACTGGGTTTTCCAGAAGTTGGAATGTTTCTTCTTATAAGTAAAATCAAGTTTACTTATC
CAAAATATAAAGTTATTGAGGAATTATTAGAATGTTAACATTATTGATGACCAAAGTAAA
TATACATCAACACACTTTTCAAAGACAGTTTCTATTTAGAACCCATGATAAAATTTGATA
ATTGCTCACATGAGAAAAACAACCAACAATATACAGAAAAACAAACGAATATTTAAAAAA
ATATAGGCTGCCAGGTGCAGTGGCATGCACCTGTAGTCTAGCTATTTGGGAGCCTGAGG
CAGGAGGACTGACAGAGCCCCAGAGTTCAGTTCTGCCTAGGCAACATAGTGAGA

Sequence 10350

CGGGCCCCCTCGAGTACTTCTAGAATTAATTAACGCGGGCACTTTTACCCATGCAAA
CAGGTGGGCTGGGCTCCGGGGGCACACATGCCTTCCCACCTCTGGCCGAGGCTCACGCGG
GGGGATCACGGGCGTCACGCACTCCATGACCATCACTGGCCTACTCCAACCTGTAAACA
TGGTGAAACCCCGTCTCTACTAAAAAATAACAAAAAATTAACCAGGCACGGTGGCAGGC
GCCTGTCTCCACCTACTTAAGATGCTAATGCACGAATAATCGATTGAACTCACGAGGT
CTAGGTGGCAGTGAGCCAAACATCGCGCCGATGGACTAAAACCTGGGCGACACGGCATGAC
TCCATTTCAAAAAAAAAAAAAATATCATATATTGGCTATATCATCAAAGGTCCAAAAAA
ACTACCTTTTTTATACTTTTGATAAATGGC

Sequence 10351

GGGCCCCCTTCGGAATACTTCTAGAATTAATTAACGCGGGCTGATCACGAGGTGAGGA
GATTGAGACCACCTGGCCAACACGGTGAAAACCTGTCTCCACTAAACATACAAAAAATT
AGCCAGGCATGGTGGCACATGCCTGCAGTCCAGCCACTTTGGAGGCTGAGGCAGGAGAA
TGGTGTGAACCTGGGAGGCGGAGCTTGCAGTGAGCCGAGATCGCACCCTGCACTCCAGC
CTGGGCGACAGAGCAAGACTCTGTCTCAAAGAAAAAAAAAAAAAAAAAGAAAAGAAACACA
CAAAGAGTGAGGCTGAGTTAAATAGGTCTTTTTATTCCAGTTTATTTAGTCAATTTTATT
TTAATTCCTCATAGCTTCACTATCACATGCAAAGACTCTTTCCTCAGTTTTCTGGTGATT
TTAAAGCTATTCTTATTCTTAGATGGTTTTCTATAATTTATTTTAAAGCTAGTGGGAT
GTAAAAGAAGTCAGATGAGTTAATTTATTTCAGTTTTATAGTATTAAGCTGATAGGATCTC
TTCTGTATGATTGCCAAACTATATTTGAAACAAAGGTGGCAGATCATAAAATCAGGCAGG
CCAAATTCATCACATATGGACATAATTAAC

Sequence 10352

TGGGTACCGGGCCCCCTCGGAGATCTTCTANATTAATAATGAAACATTTTCTAGGATAA
TAGCAGAAGGCAAGGGGCTAAGTAAGACTGAACAAGGCCTTCAATGATCAAACTGTATG
ACCAGAAGATTACAGGGAGAAGATAGTATGCCTTGGTAATGTGGCTTTGAGAAATAGCTTC
TGCTTGAGGAGGCATAAGGGAAAGGATATCTTAGGAGTTCAACCAAACGTCAATCTAGC
AAGCTGGAAGACAAAATATTTGCAGAAGTTGAAGAGTTAGAGGTTTATGTTTAGAAAATT
CTAGGAAGCATCACTATAGGCTTTTTGTAGGGGAGAGGGCAGTGAATGGGGTCTTTATA
GAGGATATGTGGATTTCATAGAAGGATATGAATTCTCCTTTAAGCATTAAGAAAACCCAGG
AATAACTTAAGGCTGAGACAGACATGTACAGTTCAGAACCATAGACCTCGTCCTTTGTT
TTGCTTTGTTTTATTTTTTTGGCAGANNTANTCTTNANGGCTTNTGATATGCTCATTGAT
GCATAAATCAACACTTTTGTCTCTCATGAAATCATATAAAAGTAATAAACAATTTTT
TAAAAACTCAAACCTCATT

Sequence 10353

TAATTAACGCGGGNAAANAGTTTTTTCATAGGACACTAGNGGAAAGAGAATGGGAACCTG
TGGTCTAAAGAGGGGAACCAAGTCTGGCCAACATGGTGAAACCCCATCTCTATTACAAATA
CAAAAATTAGCTGGGCATGGTAGTGCATGCCTGTAAATCCAGCTACTCAGGAGGGTTATG
TTTGAGAATCACTTGAGACTGGGAGGCGGAGGTTGCAGTGAGCCGAGACTGCACCACTGC
ACTCCAGCCTGGGCAACAGAGCAAGACCTCGTCTCAAAAAAAAAAAAAAATTAAATTTAA
ATAAAAAAAAAATAAACAGGGAACCAACAAGAGCTGGCAGAACAGAATAAAGTCTCAAGC
CAAATAACTCCCTTGCCTTGGGAAGAACAAGGCTGCCAGCGTCTTGGAGCCTCTGTTTATC
GGGTACCAGTTCAAAGGACAGTGAGCCTGAGCTGGCCTGGGAGGCCCTCCCCCTCCAG
ATGAAAACAATAGGCCTGTTTCTCTGAGCTCTTCTGTAAATCCAGAAGGCCACACAGAG
AGGAAGAGGGGGCAAAGGCAGTGGC

Sequence 10354

TCCACGCGGTGGCGGCCGCTTTTTTTTTTTTTTTGGGCCAACTTTTAACTACACTTGCTG
ATTTCTGCCCTCTGGCCCCCAGGAACACTGATAAAGGGATTTTGGAGGTCTGGGAACAGC
CCAGGGCCTTTTCAAAAAGGAGGACCCAAAAGGGCTGGGTCTCAAAAAATAACCTAACCT

Table 8
19/1983

TTTCAGGATCATTAAGGGGAAAAAAAAACCTTGGCCAGAACCAAAAGGGGTAATTCTGTAG
GAATGTCCCCTTGATGGCACCTAACTTTTGAATCATGGGGTAAGAAAAAGGATCCTTGG
TGTTCAAACCTACTTTTTTACAATGAGGATCCTTCTCTACAAAAAGCCAACTAATGTCTTGT
CATGGCCCATCCACCTGACTTTTGGGGCTTTGGAACCGGGCCA

Sequence 10355

CCCCCTCGGGGTACTTCTAGAAATTAATTAACGCGGGTATTCTCTTCACCAAAGTTTAG
GGTAAAGCTGGTGGTAATTGAATAGAAAAGGAAAAGTGATGTTTAGTGTTTGAATGCACG
CGCGCGCACGTGTGTGTGTATTTGTACAGTAACACTTTGATTTTTTAAGTTATCATATAAT
TAATAGTTAAGAGAAAGGCTCCAGGGCCAATCTAACTAGAATTCTGGCTCTTCCAGTTAC
TAATTATAATTGTAACCCTGGTCGAGTTACTTAACCTGTCTGTGTTAATGTATCTTGTGA
CCTCGATCAATTTACTTTAGTTCTAACAGATTTTTTGTGGA

Sequence 10356

GCCCCCTCGGGGTACTTCTAGAAATTAATTAACGCGGGGGTTCGTGCCTTAGGCTGG
GTGTGCTGAGGGCATTCACTAGTTTTCCACGAATGTTCTTTCATTCCAGGATCCCATCC
AGGATACCATATTGCATTTAGTCATCATGTCTCCTTAGTATCTTCTGAAGTGTGTCCAAC
ACAGAAATCCAATTTTGTCAACATTTCAACCACAAGCCGGGGAAGGATGCTGCCCCGTTTCT
CAACTATTTTACAATCACTATTGAGTTCTACTGTGTGAGACAAGGACAAGTTTACCAGC
TGGGGATGGTTATGGAGAGGTGCAGAAATAGTTACTATACCTTGTGACACCTACTGTAAC
AGGAAATATACGAGGCACTATAATATCCCTCGAAAATAAATGGATGATTCTTGCCAGGAA
GATAACAACAGCCCAATTCATATTTTCTGGTAGAGGGTTTATTGGGATGAACCTCGTGGTC
AAATGAATCAATTGAATTGGGATGTCCATTTATGTAAGAGATTGTGTTTCAACACAGTTC
AAAAAAAAAAAAAAGCGGCCGCCACCGCGGTG

Sequence 10357

CGGGCCCCCTCGGAAGTCTTCTAGAAATTAATTAACGCGGGTCAGCATTAAACATGTACA
ATATATTTTTGATTATTTTGTAAATGTGGCCTGGTGATTTAGTGCCTCATATTCTGTGG
ATCCTACCAATACATACAGTAAATCACAAAATTTAGAGCAAACCTAAAAAAAAAAAAAA

Sequence 10358

CGGGCCCCCTCGGAATACTTCTAGAAATTAATTAACGCGGGTGTGGGCCGTGTTTGT
CTGTTTCAAGTGGGGCTGGGGAGGGGTGCTGGAGGGTCTCATTTCATGTCCCTCCCCAAG
GTGGTAGCAGGCATCAGTCTCTCCAGCTTCCCTGTGTCTGACCTGAGGTTTTCCCAAGGC
TCTATAAGTGGTGCAGTTCCCTTAGGGGCTGTGACATCTAAGACCCTGTGCTGGGCTTTCT
GTCCCATTTGTGGGTGCGGGGTTCTACTGTTTCATTATTTCTCTCCCTACCTCTGGTGC
TGAGTTTGAGTGGCTATTACCGTGTCTTATCTGGGTTTCTTTTAAACACAAATCGCTG
GACACGGTGGCTCACGCCGTGAATCCCAGCACTTTGAGGCTGAGGCGGGTGGATCACTTG
AGGTCAGGAGTTTGAGACCAGCCTGGCCAACATGGTGAAACCCTGTCTCTTCTAAAAATA
CAAAAAAAAAAAAAAAAAAAAA

Sequence 10359

CCCCCTCGGGGTACTTCTAGAAATTAATTAACGCGGGGTAGGGGTAGTGGTGTGAGGAG
GGTAGATTATTCACAGGAAGTTCTACTTTGGCCCCTGTTGTTATGAAACATATCTTGAA
GCTGTCAGTAAAAGGACTGTATTACCAGGTGTTCAAGATAAACATCTAGCTTACATAA
CAAACACTTACATAGTACTTACTATATACCAGCCACCGAATGCAACAGATTTGCCAAAT
TCATTTACCCACACAATTGGGGACAGATGGGCCAATTTCTGCCACTGAGGACTCTGCTCT
TCTGAGTGGAGTGGACATTTCAAGGAGGGCGATTCTACTCACAGGCATCTCTAGGTCT
TGCACCACCAACCAACACCCCTAATTTTCATACAATGGAGGGATAAAATAGGATTTTCTT
ATTTAACTGCACCTTCTCAGTAGGGTTTAAATTTTAAATTAGTAACACCTTTAGATTTG
GAGAAAATGTAAGAGATTCTATGTCCCAATTAAGCAACTTTTTCAGAGTGCTTTATTCGT
TTTGAGTCTTTGTCTAATGAAGATTAAATATGTATAACACATAG

Sequence 10360

CGGGCCCCCTCGAAAGTCTTCTAGAAATTAATTAACGCGGGCCAAGTGTGCTCCCTAC
ATGTTCTTTCAAACATGCACTATATGCAATAAGGAATACTCCACATCTGCTCTTAAGAGA
AATGAATTTAATTGCTAAGCTGCTAATGGGGCGTTTTCTCCTGTAGAATTTCTACCCATC
TGCACACTCTGATTACCACATCCTCATCAGATCTTGTCTACTTCAACCTTTCTTCCTAAA
TGATCATCATTAATCCCATCTATGGTATCTCTAAATATGGGAAATGAGTCTAGAGTAATA
ATGATGTCTGATTAT

Sequence 10361

CCGGGCCCCCTCGGAAGTCTTCTAGAAATTAATTAACGCGGGGAGATGTCCTGCATTC

Table 8
20/1983

TCATTAAAAATTAATGATGATAAGCAAACCTCTAAACAGTCCTACTCCAGATCATTGT
TTCCAGAATTTCTCTTAAATTTATCATCCGTGTTCCATTTATGTATCAGTGTAATTGGC
AAAGACAAAGAGAGGGGCTAATCTCAATTGCATATTTGGTATTATAATGGAGACTCGTATC
TCTTTTAATACTTGAGGTCTCTGGTCTTGGCATAAATACTTTAAATAGAAATAATCAGGC
TGTGTGTAATGGCTCACCCCTGTAATCCCAGCACTTT

Sequence 10362

CCGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGATTCTTATAAATTGCAC
ATGGNGAAAATAGATTGAGAATGCTGTAAGAATTTAATGTGTTTCAAGTTGCATGTGGGT
AAAAGTCTATGGAATTTCTGGATTTACTTAGTTTGTATATATAGAAAGTGCAAAAAGGCA
GTATTCCTCTTGAGATTGACTTTTAAAAAAAAGATTAAGCAGAGATTCTAAATTATTAT
TTTCTTTCTAGGCCCTACAGTAATTTTCTTGTGATTAGTTACTAGGAAGCTCTGTATTACC
AGATTTGGAGAATTCGAATAGAGTTTTTATAGGCCGGGCATGGTGGCTTACGCCTGTAATC
CTGGCACTCTGGGAGGCTGAGGCAGATGGATCACTTGAGGTGAGGAGTTTGAGACCAGGC
TGGCCAGCATAACGAAACCCCATCTCTACTAAAAATAGAGAAAAAATTAGCCAGGTGTG
ATGGCACATGCCGTGTAGTCCCAGCTTCTTGGGAGGCTGAGGCATGAGAATCACTTGAACC
CGAGAGGCGGAGGTTGCAGAGCTGAGATCATGCCACTGCACTCCA

Sequence 10363

GCCCCCCTCGGGGTACTTCTAGNATTAATTAACGCGGGCTTAGGCTAGACATCAACTTG
AAGAGACGGCAGCATTTCTTTTCATAAAGTCTAGGCTAATGTTTTTCAGATCGCTAAGTT
GTAGTTTGTCTGGAATTTAGGAAGCCATTTCAAGTATTTGTCACTTGGTGAACGAACATTC
AATACCTTCAGATGTCTTCGTGTTGACTTGTATTTCATCCTAAGAAATAGTAAATATAGTC
TCAAGTGTTATTTATGTTATACGTGGTTTATTCTCTGCTTAAATTATTGACATAAATT
TCTACTTTGGAGGCTTTTCGTTTGAACCTAAGGCTGTGCGGAATTTATTTTACTTTTATAT
TTAAATCTTTGAAAAATCTCTGATTAAAAAAAAGTACCCTTAAAGGTTTGAGGATGTCC
TTTCACACCAGACAAAATTTGGTTAATTTGCGCCCAATATTCATTACTTTGACCTAACCT
TTGTTCTGAAGGCCGTGTACAAGGACAAGGCCCTGAGATTATTGCAACAGTAACCTTGAAA
AACTTTCAAGAAGTCTATTCTGTAGGATTAAAGGAATGCTGAGACTATTCAAGTTT

Sequence 10364

CGGGCCCCCCTCGGGGTACTTCTAGAATTAATTAACGCGGGGTGGGGGAAAATCGTAT
CCTAACATTGCATTAGCCCCAACCTGCCTACTAAGCACAAATTGCGTATCGCTTCGTCGT
GCTTATAGCCATTAGATCACTTACCCTCCACATATATCTGCTGATACTTCTGCTCTCTTT
AGAAATATAGCACAAAGGCATGCTTTATCAATTCACGCGATATCATATATTATATTACTG
ACC

Sequence 10365

CCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGATTGATAGGATTTTTTATTTCTGC
CTTAAGAATTTCTTTCCATCACCTTTTCATTTTAAAGACACTTATCATTTCTATCCCTTCCT
TTGTCCCCTGTGCTGTCTTCTTCTGAAGTTCTCACCCGGAAGGCATTACATCTTTGA
TGCTGCAGTTCACCTTCTGTGTGCACCCCTGAGTTCTTCCAGTACATCCTCCAGTTCCTCT
GCTTTCCATTTACAAACCTGGTTACAGTTAGTCACACTGTAACCTCCTGTTACTGAGTAT
TTCAGGGGGCCAAAGCTCTCTATGCCCTATGCTGTCCACTTAGTCATCTCTCTCCACATTT
GTATTATTACAGCAAGATGCATGCACACAAATCCTTTAAGTCCGTCAGGCTTTTCTTAC
CATTTCCCATTCAAATATGAATCACCTAGCAACATTTATTGAAGACCAATTGCACATGAA
GCTGTGTTCCCATTTATTGTGAGCCTCACAAAGGAAGTAAAAGCCATGGTCCTTGCCATTA
AGAAGTTTATCCTCTACTAAAAGCTGGATTAAAAAANTTTTTTTTAAAATAATAACAGCAT
ACAGATTCT

Sequence 10366

GCGGGGGATTGAATATTTTAAATCGGTATGTGGGGCTCTCGGGAAGAGTTGTTGGGTGAT
AGAGGAGCAAAAATTTATTGTTTTTAAATAGAAAAGAAGATGAGAGAAAAGTGAAAAGC
AGCCATTTATAAACTGTTCTCTTTGTGTACTTTGAACTTCCATTTGGATTGATCTTAATC
AGGGATAGTTGGGCCAAAGGGGACAGATCAGAGCTTTCAGGAAGGCCCAGTTTCAGCTGTA
GCAATTGGCGCAAACGAATTAACATGTGTATGTGCTGCTATATGCCTGTGAGTGTATAT
ACATACAGATGCATGCATAACGGTTATTTCTAGATGAGCATATTCTGTAATACATACATA
TACACAACCTGTTTGAAGGTGCAGTGTGAGAAGATTAAATAATTGCATTTAAGAAGCCAGTG
GTATGAATGGGCAAC

Sequence 10367

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGAGGCATGGACCTGGGAG
GGAGGACCGAACAGTCAGACGGACCCGGGGGGCCACAGGCTGCCTCACCCGGCCAAGAGC

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Table 8
21/1983

CTCTGCTGGCCAACCGGCTGCGGCCAAAGGGAAGGCCCTTTCTTCCGTGCATTTTGAAGA
CAAGCTTGGAATCATGAGCCCAAAGTAACCCAACACGGCTAAGTGAGGCTCAGCTCCATC
GTACTGGGTATCTGCTGGTTGCCAGCCTTGTCTGAACATCTCCATAAAGATGACTTAAA
AAAAAAAATCAAGGCTGGGCGCGGTGGCTCATGCCTGTAATCCCAGCACTTTGGGAGGCT
GAGGCAGGTGGATCACTTGAGTTCAGGAGTTCGAGACCAGCCAGCCAACATGGTGAAAC
CCCGTCTCTACTAAAAATACAAAAGTTAGCCGGGCGTGGTGGCAGGCACCAGTAATCCCA
GCTACTTGGGAGGCTAAGGCAGGAGAATCGCTTGAATCCGGGAGGTGGAGGTTGCAGTGA
GCCAAGATCGCGCCCCTGTACTCCAGCCTGGGCGACAGAGCGAGACT

Sequence 10368

CGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGGAAGGAGAATCACTTGAG
CCCAGAAGTTGACTTGCTGTGAGTCATGATTGTGCCACTGCATTCCAGCCTGGGCAACAG
AAAAAAAAGGAAAAACAAGAAGAAGAAAAATGCTTTTAGCAGTAAAAATTCATTCAAA
ATTACTTCATACTGTAAGTGGACCAAATGCTTTCCAACAGTAGAATGATAAATATATTGA
ACTATATTACACAACAAAATAGCAATGAAAATGAAAACACTACAACCTCTGTGCGACAACAT
GGATAAATCTGACAAACATAAAGTTGAGCAAAAAAAGCTAGACCTCCCAACCCTCCTCC
ATAATGTTAAATAAATCCCATATAAATTCATCAGGCAAAGCTCTACTATATTGTATAGG
GATGTAAGCTTTAGTGTTAAATGGATAAGAAAAAT

Sequence 10369

CCGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGCATGATGGTGGGTGCC
TGTAATGCCAGCTACTCGGGAGGCTGAGGCAGGAGAATCACTTGAACCCGGGAGGTAGAG
GTTACAGTGAGCCGAGATTGCACCATTCAGCTCCAGCCAGGTGACAGAGCAAGACTCCG
TCTCAATAAAATAAATAAGTAACTGAATTAGAGGATTCTGAGTAGGCAGTGGACTGAATA
AAGTCATGGCATCTGAAAATAACACAGTCTACCATTTATTTAAAACCTTTCTAAGTAGTCT
ATTAAATTTTTCTCTTAAAGCCTCACAACTGGAAGAGGGGAATATTATCATTATTTCCCAT
TTCACGGAATAGGAACTTTGACTCAGAAATGTAACCTCTTGCCACAGTCACTACTTAA
CCGCTATACTACGACATACTGGAATAATAGGGGGAAGTGCTAGGAAGCTGGAAGATACT
AAAGACAAACCTCAAGTTCATTTTGGAATCAGAACAAGGTTCTGGTTCTAACTTAATTAC
TCACTCTGTAACCTTGAACATGTTAACCTCTCAGGGGTTTAGTTTACTTGTTTGTAATAAT
GATAAT

Sequence 10370

CGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGNAGGCATGGNAAGGGAAA
AATAATTTTTTAAAGTTATCAGCCCTTGTTGCCTAAAATAGGTCTTGGAAGACAATATAT
GAGATATTTGGGTGATACATGTGAGGAATCTATGAACCTTTGAGGGGAAAAAAAAAAAAA
AA

Sequence 10371

GGTACCGGGCCCCCCTCGGAATACTTCTAGNATTAATTAACGCGGGGAACCCATGAGG
CAAAGGTTGCAGAGAGCCGAGATTGCACCATTCAGCTCCAGCCTACGTGACAAAGAGACT
GTCTCAAAAAAAAAAAAAAGCAAATATGAAATGTTCTGATTGAGGTTTGAAACATTAT
CCACTTCTTTTTTCAAAGTCATAGGTCAATTTGAGAGTGTCTGATTCTACTCTAAGTCT
CAAGAACCAACTAAAACAACCTCTCCAGTTGTGGTGGACATTGTACAATCAAAACAAAAT
AGAAATTTAATGCAGAGATTGAGAACTACAATCATTATCAGTTATTCAATTTCAAATTC
TTGAGTACATCAAAATGGCCTAAGTCATTCAATTTATTTCACTAAGATACATTTGGA
ATCTGCTATGTATGAGGCACTGTTAAATGCTAGGAATAAAGTGGCAATAGAATGTCGTGA
AGATAAGACAACCTTAAGAGCCTACCCTGAATGTCACTGATCCCCCTTTATGCTAAGTTAAT
GTTATAAATATGTACTTAAAGTTATACAAAAATGTTACTTTTTTATTT

Sequence 10372

CGGGCCCCCCTCGGAAGTCTTCTAGNAATTAATTAACGCGGGGCCTTAAAGGTGAACT
AAAAACATCACCTAAATAAATTAATTAATGCTTTTACATCACTTAGTTTCTTCATTCACT
TTCTTACATAAAGCTGACAAATTGTAAATTGGTTACTTTTCTACCAAAGTATGTAGCACT
CTTTAGTTGGGGAGGGAAGGTAGTGGCTCTAACTCTCTCTGCTGAATACTCAACGTGAT
ATTGGCTAAAGTCAATAGCTGCAGTTGATTGAAATCTGAAACCAAATAATGCATGGCAT
AAACCTGTTTACTGTTGATTGAGTGGGCTATTTGTTATATAAATCAAATTTAAAAGGCT
TTGTTACCCTTTCTCAGAAGTTTCTGGTTTACAAAAGAACTGAAGAGATTAAGAGAC
ACAAAAATATAGAACTGTTTTACGGCCGGGCGCGGTGGCTCACGCCTGTAATCCAGCA
CTTTGGGAGGCCGAGGCGGGCGGATCAGAGGTCAGGAGATCGAGACCATCCTGGCTAAC
ACGGTGAAACCCCGTCTCTACTAAAAATAC

Sequence 10373

Table 8
22/1983

CCGGGCCCCCCCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGGACACAAGGAATATCAT
AATTTTGTCTGAAACTATACTATAATGGTAAATCTAGCTGATTTAAGTTCTTTGGGAAAA
AAGGGCAATTACTGAGAAGAGAAAAATAGACAACAAGGTGTTTCTGCCTCCCAGGTCTGGA
GATATTTAAACCCTTCTCTTTTATTAAAGAGTTGTTTGGGGAGTTTCCCAAATCAAGAGA
TGGTACAGTGACCACCACATTTAATCACCTGGGTGTTTATAGACCTCTGTCAAATAGTTC
TCTGTAAAGATGCTGAGTTGTACTGGGTGTAAGACTTGGCTTGCCAAAAAAAAAAAAAA
Sequence 10374

CCGGGCCCCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGCACGGCAGAACCTGAG
AATGGTTCGACAGGGCCAGCAGGATAAGAGTGAGTATCTGTAGTAAGCCTCTTTGCTGTCT
TTGAGTTCTCCTTGATCTGACTCCATTTTTAAATTTTTATTTTGTATTTTTAGAGTCGG
GGTCTTGCTCTGTACCCAGACTGGAGTGCAGTGGTCCGATCATGGTTCACGGTAGCCTT
GAACTCCTGGGCTCAAGCAATCCTCCACCTCAGACTTCTGAGTAGCTGGAACCTACAGGC
ACGCACCATCAAGCCTGGCTAAGTGGCTGGAATTTTTTTTTTAAAGAGAGATTTAAGCGAGG
TGGGGTTTTGCTATGTTGCCCAAACCTGGCCTCAATCTCCGGGCCTCAAGCAACCCGCCCT
CCTTCAGCCTCTTCAGTTATTGGAATTAGAGGCGTGAGCCACCAAGCCCAGCTGTGACTC
CATTTTTGAACTTCTTTTATTTGAGAAGTCTTCGTCAATTCAGAGAGTGATCATAAACTG
AGCCTGTCCACTCCCCTGATACCTTTCCCATGTAACCCATAAAAAGGTTGAGTTTTCTGC
TTTTATCCCTAGGCTA

Sequence 10375
CCCCCTCGNGAAGTCTTCTAGAATTAATTAACGCGGGCAAATAGTTGTATGAAACTCA
ATACTGAAGTGATTGCTGTACTTAAGGACTGGGATCATTCTTATTTATGGCTTTATTATA
TAAGGTATTGAGAGCATAGTAAACGCTCCACTGGTGTGTTAACAATCAGTCTTGTACCAT
TTCTAAAAATTGATAGAGAAGATGCAAAAAAAAAAAAAAA

Sequence 10376
CGGGGCCCCCCCCCTCGAAAGTCTTCTAGNATTAATTAACGCGGGTAGTTTCAAGCGTGGAA
GATGAGAAAGTTAGAGATGAATGGTGGTGACGGCTGCACAAAAACATGAATGTACTTCA
TGTCACGCAACTGTCCATTTAAAAATGGTTAACATGGCGGATTTTATGTTATGTATCTTT
TACAATAAACTGNGAAAAAAGTAAATCACTTTACACATTAGATACAATAAAATAGTAG
CTAAGAGGCTGGGCACAGTGGCTCATGCCTGTAATCCCAGCACTTTGGAAGGCCGAGGCA
GGAGGACCACTTGAGCTCAGGCTATCAAGACCAGCCTGGGCAACATAGCAAGACCCCATC
TTTGTTCAAAAAATTTTTTTTAAAGTAGCTAATTTAGGAAAACAATAATAAGACAGATGT
ATTATACTAGAAAGCAAAACATATCATTAAAGCAGAATTAACTAAGCATGTGTGGTACTG
ACACAGCTACTGATAAAGAGATAGTTAAAAAATAAAAAGCCCAGGCAAGGTGCCATGGCT
CATGCCTGTAATCCCCGCTACTCAGGAGGCTGAGGCGGGGAGAATCACTTGAACCT

Sequence 10377
CCGGGCCCCCCCCCTCGGGGTACTTCTAGNATTAATTAACGCGGGGTTAGGGGTAGAGAGA
TTAAAAACGGGAAGCAGTGCATAGGCAGTATGAAGTAGACACTTTGGCAAATAAAAACTG
CACCGTATGACATGTCACATAGAAATTGTTAGAGACTTTGAATCCTAAAATTTAGTTTAC
CAAAATGTAGCTTTTTATGTTTTATGTTTTACCAACAAATAATTTGTATGTTAAATTTAAG
CATCTGAATTCGGAAATGATAAAGAACAGGAAAATAATGACTAAGCTAACAACCAAACCTT
TCAGAGTATAAAATTTTGTCAGTGGTTTTTCAATTTAGAATTTAAATTTGAATTTCCCTT
TGCCTACAAGTCTAAGTAACTTGCAGCAGCAAATCCCCCACTGACAACCTCAAAGCATA
GCAAGAATCCACAGTGGTTTGCAGGCCACTAATTCCTTTACGGATGAAAGCATTCAATTA
TCTCTATAAAATTCATTCCTTAGAATATGTGTTTGTGATTGACGATGTACATTTTTAAA
TGTGGTGATAACACGTTATTATTATCATGATTTAAAGTGAATGAAGTAGCTTGTGGTT

Sequence 10378
CCGGGCCCCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGTGAGGCTGCAGTGAGCT
GTGATCATGCCATTGCACTCCAGCCTGAGAAACAGAAAAAAAAAAAAAAAAAGGGGGCCG
AGCACAGTGGCTCATGCCTGTAATCCTAGCACTTTGGAAGGCCAAGGCAGGTGGACTGCT
TAAACTCAAAGAGTTTAAAGATAAGCGGGGGCAACCCCTCTCTACAAAAAATACAAAAAT
TAGCTGGGAATGGTGGCATGTGCCTGTAGTCCCAGCTACTCAGGAGGCTGCAGTGGGAGG
ATCGCTTGAGCCCAGGAGGTGGAGGTTGCAGTAAGCCAATATCATACCACTGTACTCCAG
CCTGGGTGACAGAGGGAGACCTGGTCTCAAAAAAAGAAAGAAAAGAAAAGGAAAAAGAAAG
GACTTAAGAACAAGGAGCAAGCAACTCAACCGAGTTTGAATAATACTGAGAAAACCTCAC
GAACTTTATTAACAGTTGGGTGAGACAATATCTTCTGCTTCCAGAGATACAGCCTGAGAT
TGTGAACCTCCGTGCTGTTACACCCCTACTCCATGAATCGCCCTCCATGCTCCTCTCAAG
AGTCCACACT

Table 8
23/1983

Sequence 10379

CGGGCCCCCCTCGAAAGTCTTCTAGNAATTAATTAACGCGGGACTGTGACAGATCAAA
TTCATTTATGCATCACTACTCTCAAGGTTTATTTAAATTTTTTAAAAGGGAATCTTGGGAG
AGCAATGCTTTTTCCAAAATGTAATTCCTCAGATTCTTCTACTGGTCCATACCTTCGT
TGCTGGATATTTGTTGGCCCTTTTTTTCTGATAGGTGTTAAGAGATACACTTTTGGGA
GCTCCTTCCAGATAAGGCTGCCTTTCTCATTTTACTTTCCCTGCTTCCCTCCCCCACTT
TCTTCTTTCTATTATTCATTCATTCCAGAAGCATTACTAGCATAATATATGCATTTAAT
TCATGAGAAAGGGAGAGGCATGATCACAGAGGAATCTTCTGTTTAGACTTGAAACATGA
GTAGAAATTAGACAGAGTGGAATAATGGGTGTTCCAAGGCAGTGAGGATAGGAGATAACT
NTGCAAATTTTCAGGATTCCCAGTCTCAATTCTAAAGTCAGCCAGAGGAATAAGAAGCA
CAGCANTGACACTTTTTTTTAAAGCTTAAAAGATTATAAATAAACAAAACTAAGAA

Sequence 10380

ACTTCTAGAATTAATTAACGCGGGTCTCGTGATGGCTTTTCATATGGCTTCTACTCAAG
GAGAACGCTGTCCATTACTGCACAGCTGTTACCTGCTGGTACCTTCCCTGAGTCTCTGG
AGAGCATTAGCTGTCTCACAGCTCTGAGTACATAGGCAGAGAAGAATACTGCGNTAAAC
AGAATATCACNAAATATTTGTCAGCGCCCTTCATC

Sequence 10381

CCCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGGATAATCTCAGTGATTTTTTTTT
TTAATCATCACCAGGGATATTTGGGAAAGTCAATCACTGTATCAGCTAGTGGTTTCAACT
TATAAAAACAACCAATTACAACAGCAAAAACCTCTGATTCACACTACATAAAGAGTGTG
TAGACGGGCCTTCTTTCTACTTCAACACCTGCTCCTCAGACTCACCCCTTTGTGACTT
CTTGAAAAATGCCTTGGGTGTTCAATTAACCTGATGTAACCAATATAAATATGTTAGAGGA
AAGCACTCAATGTTATCTGTCTGGACCATCCTTGCCAGAGAAGGACAAGCTCTTAATAC
CATAGGAGATTGTTTATCTGAAAAATCTAACCCTGGAAGCATCCAAGGACTGTTTATAC
GCTAAATTTATTTTCTTTTTTTTTTAGGCAATATGTTACATGTGGAATTAACATTATCTA
AATTCCAGAGAAAGTGCTGATTGGACATTCAAGGTGAACATATTACCTAAAAAAAAAAAA
AAA

Sequence 10382

CGGGCCCCCCTCGAGAAGTCTTCTAGAATTAATTAACGCGGGATTGTACACATTTGACT
TACTGCACAGTATATTGATCTGCCCTCCTCGGCCTCCCAGGGTGCTGGGATTACAGGCGT
GAGCCACTGCGCCCGACCCCATCCTGTTCTTCTATATCTTATTACTAGATGATCATTGA
ACCAAGAAATGTTTAAAGATAAGGGTTTTTTACAAGGTTAGTGAGAGCATTATTTCCAC
AATGTCCTATGAAACACCATCCTGTAAGATACTATGAGAAGTTTCCTTGATATTCATTCT
CAGATTCTCCATACTATATTCTTTCTCAGATATTTATAATATATATATTAATATTGGAAG
AGCTGAAAAGTCTACTGTAAAGGAACCTACTTTAGGCCGGGCATGGTGGCTCGCGCCTG
TAATCCCAGTACTTTGGGAGGCCGAGGTGGGTGGATCACGAGGTCAGGAGATTGAGACGA
TCCTGGCTAGCACGGTGAAACCCCGTCTCTACTAAAAATACAAAAAATTAGCCAGGCGTG
GTGGCGGCGCCTGTGGTCCCAGCTACTTGGGAGGCTG

Sequence 10383

AGGCCGGGTACTTTCGTATTTTTTAAATACAGAGGGGAGACTTTGTTGGCGATGCTTTTCG
GTGTTCCAAAATATACAGAGTAGGTATAAGAGGATGTGCACATCGCAGGTGTGCCTGCAA
CACTGAATTAGGGCCCTTACGAGGGTTCTTCCCCTCCAAGGAGAGTTCGAAAAAAAAAA
AAA

Sequence 10384

CGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACACTCCAATCGATAAAATATGATA
GTGACCATTTTCTTATATTATCACCATTCTATATTATATCTAATTAAGGATGAACAATG
GTATAACATACAGTTAATTGGCATTTCCTACTATTAATGAAATTGATCACTTGTTTTAT
TTTCCATTTTTTATGTGTTTATGTATTTATTATTTTGTGTTTATTTTCCATTTCAATTC
TTTTTTGATAATTCTTTTACTATAATTTATCAAATTATTTTACTTTTAGTTATCAGTAT
GTAGAAACATATCATTATTAGAAACATTATCTAGCTTTGATCACATAGTTGCAAAAAATT
CCCATTCTATCATATGTTTTTTGATGTTTTGATATCTCAGTGTAGTTTTTTAAACAATA
ATTATTTTATGGAAGTATAAATTACATAACAAACAGCAAAAACAATCATAATTTTACAGC
TTGATGATTTATCATAAAATGAACATAACCATGAAGACATCACTCAAAAAAAAAAAAAA

Sequence 10385

CCCCCTTCGAAAGTCTTCTAGAATTAATTAAGCGGGCAGGGGACTACTATTTTCTATC
ACCTGAAAATCTCGATGAAAGTGTTTTAGCCTAAAGATGACTTTATGCCTTGCCTTCTCT

Table 8
24/1983

GCTCTGTTTCTCTGGGAAAAGAATGGAAATAGTTCATGTGTAGTCACATGTTTGAGTGCC
TGAAGGGGGCAGGTTTGTCTGAAAAGAGACTTACTTTAACAATATATAACTTTTAGGACAG
ATAGAAGCAAGTTCTGAACAAGTAATAACACTGCGTTTTTGGCCCTTTGGCTCTGAATAA
CAGCAAAAGTACACTAAACATTTTTTTCATTACATTGCTTTTAGC

Sequence 10386

GCCCCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGATAGATACTCCTAGTTGAAAA
GGTCCAACAAGTCGCCCTGTCGTCCTGAACCTCTACAGATGGCTCCTGGTGATGGCTGCG
TGATAAATTGTGCATGGTGAGGTACCCAGTCCAGATTTATTTGACTGTATGTAAATATGG
GACTGTAGCGTTCTGCTGCTGGCCCTCGCTCAGGGCAGTAATGACTATATATTTAGCAAGA
AAAAAAAAAAAAAA

Sequence 10387

CCGGGCCCCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGATTATGGAGAACTATAA
GAATACATACCTAAGGATTAGTTTACTAGTAATGGAACAAGAAATTGCCAAGGTGGCTTT
TGGCGTGAGATTGCTTGACTTTTTCCCTTGATTGTGACGTATTTAAAATGTTGTTAGCT
ATACAGATATTGAAGCAGGCCCTCATTTCTTTTGTAGAATATTGGCAATTGCTCTGTGA
TATCTGAACATTTTACTAATGTTTCTTTTATAGTACTTTTCTTAAAAATTAAAAAATC
CTTTATAGCAACCATGATGGGTAGTGGTAATGGCACTTTTTAAGTGCCTTTTAGCTTATA
AAGTGCTTTCACACGTGTTATCTTATTTGATCCTTGATATAAAAAGCCCCATGATATCCAA
AGTGATTAAGATCTTTGAAGAATACTGACAAATGAATAAGTTCTCTTCTCATCCCTAAA
AAAAAAAAAAAAAA

Sequence 10388

CGGGCCCCCCCCCTCGNAAATACTTCTAGAATTAATTAACGCGGGAGTCTGAGGCAGGAGA
ATCGCTTAAACCCGGGAGGTGGAGGTTGCAGTGAGCCAAGATCCCACCATTGCACTCCAG
CCTGGGCAACAAGAGTGAAAGTCCATCTCAAAAACAAAAAATAAAAAATAAATTAGGA
CATAGCTCAGGGATTTTCAAAAATATTGTCTTGCCATCAGTCTTTCTTTTGTGGTAACGC
AAATTGACCACGCAGGAAGCAGATCAAGGAGGAGCGACACCGCATTCCTGTCCAAGAAG
GAAAAGATATGCCCTTGAAATAGACCAGAGAATAAACAAGACTCAAAACTTCAAGCAAGTC
GGGCGCAGTGCGCTCAGCCTGTAATCCCAACACTTTGGGACACCGAGGCGGGGGAGGATCA
TTTGAGCCCAGGAGTTTAAGACCAGCGTGGGCAACATAGTGAGACCTCATCTCTACAAAA
ACTACAAAAATTAGCCGGGTGAGATGGCACGTGCCTGTAGTCCCAGCTATTTGGGAGGCT
GAGGTGGGAGGATCACTTGAGCCCAGGAGGTTGAGGCTGCAGTGAGCCATGATCACGCCA
CTACCCTC

Sequence 10389

CCCCCTCGAGAAGTCTTCTAGAATTAATTAACGCGGGGTGATAAATTCAGTTTCTCAAC
CTGTTGGATAGATAGTAATATAATTAATTTAAGTGGCAGTGAGATTTAGGAAGAAGTTAA
TAGGTTTCATTTGGGATGTGTTGAATTTAGGTTGTCCACAGAATTGTAACAATTACATTAA
TAATTGATATAAAAAATGGTTTACATACTAATAAGTCATTATATCAATGGTAACTATATTT
CTCTCCTAGTTTTTCTTAGTAGTTACAAAATGTATTATGGTTAGATTTTTACCCCAATTT
TAGTAAGTAAGTGAAGTTGTAGTTTTATTTTTTGTATTCTTTTATTGATGTCTTAAAGT
ATGTGTACCCAGTGTTTTGACATGGTTAATCTCCAGAAATTAGAGTAAGATAGTCAATT
CCAAAGTATATTAAACAAGATAGAGTGAAAATATTATATGATTAGGAGTCAGGCCGACCT
GACCTTTCACCTTCGCTGTGTATGTGATCTTTCACTAACCTCAATTTTCCACCTACAA
AAACGTAGTGAGAGAATATACTTGAACAGTTTAGTGTGGAGCCTGGCACGTGGCACTTGG
AATNTGTG

Sequence 10390

CCGGGCCCCCCCCCTCGGAATACTTCTAGAATTAATTAACGCGGGGAGGTCGAGGTAGGCG
GATTACTTGAGCTCAAGAGTTTGAGACCAGCCTGGGCAACATGGCGAAACCCTTTCTCTA
CAAAAAGTCAAAAAAATAGCCAGGTGTGGTGGCTCAGGTCTTGGGAGTCTGAGGTGCTT
GGAACTCTGAAGTGGGAGGATCACTTGAGCCCAGGAGGTCGAGGCTGCAGTGAGCTGAGA
TCATGCCACTGCAGTCCAGCCTGGGCAACAGAGCGAGACCCTGTCTCAAAAAACAAAAA
CAAAGTATTCAGCACTGTGAGGCACTCTGAGCAGAAAGATGTGGTGGTCTCACCTCACTC
AGCTCTTACTCTTCGCGTGTCTGTAAATTCTCTTCTCTGAGCGCCTTCCCTGACCACAC
AGGCTCACACTCGGTCTTGGGGGAATTGTGGACAGTGTGTTTGTGCTGGCCCCACAGGTG
TTCAGTGAGAGCCGGACATTGCTCTGTTAATGACACCATGGTGGTCCCTCGGGGTGGGG
AGAGGCTTGGGGACCTCTTATACCAAAAAAAAAA

Sequence 10391

CGGGCCCCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGATATCTTCTTTGCTGAAG

Table 8
25/1983

TTTCTGTTCCATTATTTTGTCTACTTTTAATTGGATTGTTTGTGTTTCTTATCATTGAGTT
TAAGGAATTCCTTTATATATTCTGAATAAAAGCGCTTCATAAGATAGGTGATTTGCAAATA
TTTTCCCTGAGTCTGTGGCTTTTTCCCCATTCTCTTAAAAGTATCTTTTGTGGCACAAA
AGTTTATAATTTTGATGAAGCACAAATTTATCAATGTGTCAAGCATTTAGTGTGTATCTA
AGAATCTTTTGTGTAAACCAAGACCATGATTTTCTGCTACATTTTCTTTTAGGAGTTCC
ATGGTCTTAAAATTTACATTTAGATATATAGCCCATTTTGTAGTTAGTTTTTATATAAGAT
GTGAGGTATGAACCAAAGTTTGTGTTTTTGTGTTGTGGACTTCCAAATATTTTCAAGCACCATT
TGTA AAAATGACTATCAGTTCTCCAATGAATTGCCTTTGTACTTTTTTCAAATAACAATT
GAATATGTTTACATCAGTCTATTTCTGAAAATGTAAAAAAGTTGAAGTCATATCAGATAT
CTTCTCAGACCATTGCA

Sequence 10392

CCGGGCCCCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGCTTATGAGACAAACGTA
ACAGCAAAGCAGCTCTGTGATGAGCAGTGAGAGCGAGACACTGCGGTGGAACAGGAAGGG
TCGGGAACGGAGATGAAATACAATTAACACCCACAGCGGATTCTTGC GGAGCAGGGATT
GGGGCACAGTAAAGGCACTGGGTAACTCACACAGTGGTGGTGAACAGCTCCCATTGAGC
CTCCCTGGTTTTTGTGTTTTTATTTTATTTTATTTTGTACAAAGTTTCACTCTTTCACCT
AGGCCGGAGTGAAGTGGTGCGATCTTGGCTCACTGCAGCCTCTGCCTCCCAGGTTCAAGC
AATTCTCCTGTCTCAGCCTCCCAAGTAAGTACTAGGATTACAGGCGCCTGCCACCACACCTAG
CTAATTTTTGTATTTTTTAGTAGAGATGGGGTTTACCATTGTTGGTCTGGCTGGTTTTGAA
CTCCTGACCTCTGGTGATCCACCCGTCTTGGCCTCCCGAAATGCTGGGATTACAGGCGTG
AGCAACCGCGCTTGGCCTAGCCTCCCAGGTCTTAAGTCAATGGTACCT

Sequence 10393

CGGGCCCCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGAGGTTACTGTCTAGATAT
TTAAATGGAAAATAGACAGGAGTCAGACTGTGAAAGATCCTTTATGCTACGCTAAGGAGT
TCAGATTTTATCCTGCGGGAAAGAGGATATGGCTTTTTTAAAAAACTGAAGCACTACTATA
TATCTATAAAATAAATTTTTAAAAACGGAAGCAGTTGTGCTTCTGGAAACAGTAAATTTGG
TGGCTATTTGTGGGAAGATACTAATGTGAGTATCTTCTTTTGC GGTCATTCTAATGAAAA
GATAAGAGAACC

Sequence 10394

CGGGCCCCCCCCCTCGNAAATACTTCTAGAATTAATTAACGCGGGGGGCACGGACATGAAAT
CTTAAAGGAGGTGGCTCAAATCTTCGGCAAAAACTTAATGCTCGATTAGTTACTACGCC
TGTGTGTCATGACTAACAAGGGGAAAGACGTGCACATAACTGATCGATCTACAATGCATA
GAACCATGCAGCATATTAAGCCCAAGTCCATAGGCAC

Sequence 10395

CGGGCCCCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGAGTGACAAGCGTCAAAA
AATTATGTTAATTAGTTTTATCCATAATTTGTTGGTTCACTTAACATGGAAGTCCAGGGA
ATCGCTGGTCTCAGGCATGTCTGGAAGCAGAAGCTGAAATGATATGCTCAGTGTAAATC
CTGTGCCTCTTGTCACTTCTTAATCTCATCCATCCTCCCTCCCTCTCTATTGCTCCTCTC
TACTCCTCTTTGTCCTTCTTTTTCTTCTCTCTTTCTCCTACTCTTTATTTCTATATCCCT
CTATTTTGTCTCATTCTGAACTGGTTCTCAACACTTCGTACAATGTATAAATGATAGGCA
TTCACAGCTCTTAGCTTACCTGACTTCTCATTATGCCAGAGTCAAGGAATTCCTTTCTAC
AAAATGCATATATCAAATGTTTCTGGAAGGAATATGATTAGCCTTGGTTGACCACATTTT
TGTTTTTTGACCAATCCTACCATGGAGGAGAATAGAATAGTAAGATTGGCTATGAATAGG
TCCATTCTAGTTGCCCAGAAGTAGATGAGGCAGTGTATTTGATAATCTCACCCAAACAT

Sequence 10396

CCCCCCTCGNAAATACTTCTAGAATTAATTAACGCGGGGNAACATAACATAAAAAGATACC
ATCTTAACCATTTTTTAAGTGTACAGTTTCAAGTGACATTAAGTGTATTACATTGTTGTGCTA
TATTCACCAAGGGTTATTTCTTTTAAACAGGAAAACTTCTTGATGACATTTGAGTAAC
ATGTAGGGTTCTCAGGCTGAAGTTGCTGGTCTACTTGAATAACATAGTTGTGTACTGCCT
GCACTCCTGAAATTTTTTCACTAAAAATTTAATTATTTGAAAACATACTTTCTGTACAT
TTATTTTTATTTACTAGGCATTTTTGCAACAAAGACATGCTACAC

Sequence 10397

CCCCCTCGNAAATACTTCTAGAATTAATTAACGCGGGGTGACCCATGCCTCATACACCA
CATACTCTTGATTAACATGGATTTCGGTGAGCTCACCCATACTCCTGGCCAGGAGATGTC
CGTCTTTTTGAGAAGAGAGGAGATGTACCAAAAATTTGCCGGACATATTATATAACCAAT
TACTACTGATCTTTTTGCAAAAGTATGATGCCAGCCCCACAGGCTCATGCCTGTGGTCCC
ACCATTTGAGGAGGCCGGGGCAGGTCACATACACAGATGCCAGGAGGATGAGCACCAGCC

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TGACCA

Sequence 10398

CCGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGATGAATGAAGCTAACTG
AAAATCTGCTCTCAATGTCTGTTGAGCCACGGCAAAAAACCTTC

Sequence 10399

CCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGTCTACAGGGCAATGTCTGGGGTCT
GAGGGCAGGTGAGAGTACACAGGATTTTATGAAAATGTGTTCTGTGCAAACACCTCACTT
GTGCCGCTCTTCTCCACACCAGCAAACCTGAGCATTCTTTAACACAGTTCGGCAACCGCTG
GCCAAGCCTCACTTACATAAGAGTGCCATAAAAGACTGGGTGCGCTGCTTCTGCAAAACA
CCTGTGGTTTTGCAAAAGGATGTGATTTCTTAGAAGTCAGTAAACAGGCTCATTTCCCTT
ACAGTTAAATTTTGGCATCAGAATACCAAATACTCTATGACCCACCTAAGCTCACATA
ACCTTACTCCCCACCTTAAATGGTTGGGAGAGCAAAGGCCCTGTGAGCTGGAACGCCCC
AGGGTGCCAGCCTTGCTGCTGGGCCAGTGGCCACCATGCCACCTCCACCACTTTCCTTT
GAGGCCCCAGGAGGCTGGTACACACTCCAGGAGCCAGGAAGACCACTTGGCACCTTAGC
TCCTGGGACACTAGAACACATGGCCAAGTTATAAAGACTTCATATGCATCTTC

Sequence 10400

AATTAATTAACGCGGGCGGCGGATTCTTCTGGTCCGAGGTTTGTGAATGGATGCAGCAC
CCACGCTTACCCTCAAACCTTTAACGATGTCCACACAGTTACGGTGACCTATTTTGTGTTT
AGGACGGTTAGGGGGAGGGACCCTGGGATCACCATTGACTGAAAAGCGAGGCCCGGATCA
CTTAGCCCCAATGTTGCTCCTGAAATGCACTCACGTGATCTCTAAAAGGAACCCCATAAA
AAATTTCTTTTTAAACCCGGGCGCGGGGGCTCACCCCTGTAATCCCAGCACTTTGGGAG
GCCGAGGCGGGCGTATCTCGAGGTGAGGAAATCGAAACCTTCCTGGCTAACACGGTGAAA
CCCTTTACTAAAAAAGCGGCCGCCACCGGGGGGACCTCCATTTCCCCCTA

Sequence 10401

CCGGGCCCCCCTCGGAATACTTCTAGAATTAATTAACGCGGGTACCCAAATGTTAGCAT
TTGGATAGCATTCTAAATTGCATTCTAAGTAGCATTCTAAGTTTATTTCTCTTTTCTAAG
TGTTTTCTTTGTTGAAGCAATTGTTTCCCTCCCATGCTACCAAAGTTGTCTTGCAAAA
CTCATTATTCAACTGCTGTTAAATGTGGTGATTTATTACTGCCTGTGCATAGAACTCC
TTTTTGTGGTAGATAGGAGAACACTTCGCTTTTCAGCCAAGTGCTCAGTGTAACCCCTAC
CGTTTCGTGCTCCTGGGCACTCCACATGGAGAGGTCTCATCTGGTATATAGTCGTATACC
TTGCCTCTACCTCCCTTCTTCTCTTGACACTCTGGAGAAGCAGCCAGGCACAGCTCCTGT
AAGTCCAATTGCTTGTGTGTCTGTCTACGCTCTATAGGTGTCACACCAAAGACCAACC
TTCTGGCCTCAATAATGATTTTTGAAGCTGCTATGGCCATGTGGATGTTGGTAACAGATG
TATATATAAATTATCCTCATTACTATTGTACCCCCACACAAGTAAAGATTA

Sequence 10402

CCGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAATGTAACCAACACATGATAGCAGCA
ACACACCCCTTTTATTCTTGCAACCATCTCTCCTCCCAATCTCCCTCTCTCTCCCCCTTACA
AGGCTTTGCTGGGAAGCGGTATTACTGGCCTTAGGACTTAGAGCAAATAGAGCATGCCAT
CTTCCCCTGAAGCAAATACTGACTCACATGGTCAGGCTTGTCTGCACGAGGAGAGACAGA
TCTGGATCTGCAGATCCACTTCTACGGTCAACCAAATAGGTCTGCTTAGTGGGGGCAACT
TACAAGAAGAAAGGGCATCTACTTTAAAGTACAGGAAATAAAGAGGGAAGCAGGTCGTGG
TCTAAGACTTTTAGATCTCTAGTCAATAGACTGACCATGTGAATGTCCCAGATAGATGCT
GCTCAAAGGAGCTGAAAATATTACCTTCCACTAACATGCAGGTAGGGAGAGGGGTTAAGT
TACCTCTCTCAAAGAATACAACCACAAAAA

Sequence 10403

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGCCTTCCAAGTGTGGGAT
GGCCAGCTGGTGCCTTTTATTGATTCTTTTAATTTATACATACAGCTAACTCTCTATTGG
GACTGTACAAGTTTCTCATGAAAAAATATTTAACTAATGACAATAAGGATAGATGTTT
TCAAAGTTACTCTCATTTATATTAGAATAAGACATAAAGGAGGGGGCTTCTATCAAGTG
TACTCATCTTGCTCTTTGTTGTTTGCCATTTTTTCTTCTTTTCTCCCCAGCTCTGTTT
AGTTTTGGGGAGGGGGCAGATCTAGATTTAAGAATACCTTGGCGGGCTGGGCGCAGTGG
CTTATGCCTGTAATCCCAACACTTTGGGAGGCTGAAGCGGGCAGATCATGATGTCAAGAG
ATCAAGACCATCCTGGTTAACATGGTGAAACCCCGTCTCTACTAAAAATA

Sequence 10404

TACCGGGCCCCCCTCGNGGGTACTTCTAGNATTAATTAACGCGGGGAGAACAAATACAC
GCAGGGGCCTGTGTTGGGGTAAAGTTGGGGGAGAGCATCAGGGAAGAATAGCTAATGGG
TGACAGACTTAATACCTAGGGGATGGGTTGATCTGTGCAGCCAACAAACATGACACACAT

Table 8
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TTACCTATGTAACAAACCTGCATATCCTGCATATGTACCCTGGGACATAAAAATAAAAGTT
GATGGAAAAAATAAAAGAAATTTCTATAATGTTTCTATGGTGTATGGTTAAGGAAGGC
AAGTAAGACTCAAATTACAAGAATTAAATGGAAAGAATACAACATAAACACCCTTTTATC
AAGTGAGCATCTACATATTATTTGTCTAGAAGTATGGTATGAGCTTTAAGGCTGGACGTG
GTGGCTCACGCTGTAATCCCAGCACTTTGGGAGGCCAAGGCAGGCAGATCACCTGAGGT
CAGGAGTTCAGGACCAGCCTGGCCAACATGGTGAAAACCCATCTCTACCAAAATACAAA
ATTAGCCGGGTGTGGTGTACATGCCTGTGCTCCCTGCTACTCANGAGGCAGAGGCAGGA
GAATCACTTGAACCCAGGAGGTGGAGGCTGCAGTAAGCCAAGAACG

Sequence 10405

CCGGGTCCCCCCTCGGAAGTCTTCTAGNATTAATTAACGCGGGTGTTCATAACTTTGTA
CTACACTTTACCCTTAACAAAATTCAGATTGAGTTGACAGATCTATGCAAATGTATGAAA
AGTGAAAAAGACAAGCTAGCAATTTGTTTCAGAGGTTGAAAGCATCACTTTGATTGCAA
TGATTTCCAATCTACCTCTTTTCCACAAGGAAAAATTGCAAAGACAAGATCCCTAAATG
TCACAAAATAAAGCCTGCCAATGTTCTGTTGGCATATAGTTTAATTCTTGAACAATTACC
CTGCCATATACATTTATTCTTAAATTTTATATATTGACACATTGAATTTTGAACTGAAA
GAGAAAATGACACATGTAAATACCCTCAAACCTCAGAACTGACTTTAAATTCGATCTATT
ACTGTGTATGCATGAGTGTGTGTGTACTAAATCTATGACAAGTGCAAGTTGCTGGTTTAT
TGCAATTGACTTAATATCACTCTCAAAGACTGAGTGTACATTCTCATGCCCTGAAAAAGT
TTTGAGTAGATCTCTTCTGGGACAGGCTATCGTGTATATTTAAGACATGATCTCTACAAT

Sequence 10406

CGGGCCCCCGTCGGGGTACTTCTAGAATTAATTAACGCGGGTCTTCTGATTTTAAAT
AAATTATTTTTCATGGGTGCCTAAAAGTTGGCAGGTCCTAGCCACTGTGCCTCTTTCACCT
AACAGATGGGTAAACCCCGAGCGGCAGAGGTGATGAAATTCAGACTTGAGTCTCTATGTG
ACTCCGCTGATAACTTCTACATGCCTCAGAAGTTCTGAAAGGAATTCCTTGCTGTTCTC
TTTTTCCCTCTCAAATATTAGAATATGATCAGCCCGTGTCTGGGCGAGAGGAGAAAGCTG
ATAGGAATCTGGGGCTGTGCCAGTGGAAGAAAGATTATTGTACACAAGGTTGTGACAGT
ACACTGTCCACAGCGATTCCATCCCACAAACATACATGTGTCTCTTTCAGCGTATTTTC
AATTGCTAAGTTAACATACAGTTTTTGCCCTGGCCGTGGTGCAGGTGAGTGAATCAGCC
TCTTCCACCTTGAGGGAACCCCTTGTGGTATCAAGCGTCTAACAGGCTGAATAACTTTGC
TCTTGGGAGTTGGGCTTACTCCTGCCATTCTTGATGGCTTGCGTTTCAGTGGA

Sequence 10407

CCCCCCTCGGGGTACTTCTAGNATTAATTAACGCGGGGGACACAATTTCACTCCTCTG
CATTACCAAATGTCCAATTACATATCCTCCCTGCCTGGACCTTCAGAACAATATAAAAC
TGAATGAAGGCTATGAAAGAAGTCACAGGAGGATTTTTTGAGAGCTTCCATCCAGTTTCAG
AAACAAAGCAATTCAATACATGTCTTCAAGATTTCTAAAGGCAATGACTTAATTCTAAGT
TCCATGAAAGCAGGCATTGTGTGAATTTCTCCTGCATCTGGAACCTGGCCTAGCACACCAA
GGCCTTCACTAGATACTGGCCTTTTGACTTTTGAGCTTTCCAGCCTACAGACTGATGGAGT
CTCACTCTGTCTCCACGCTGGAGTGCCTCTGAATGCTGTTTTAGCCATGGTTCTGGAGA
GGGTAGCGACAGGAGCTGTCTAGGTGGGATCCAGAGGAAAGTACGAATGAGCAGAAGGGG
CAAACCTGTTTACCAAATCTCAAATGAAAAACAAAATATTCTTGTGCGGAATTTTCAGAG
AATTGCAGTTCCTGTTTCAGCCTGAACCTCAGATTNTTCCACCCACATGGAGTT

Sequence 10408

GGCCCCCCTCGGGGATCTTCTAGNATTAATTAACGCGGGTCCCCATTTTAAACAAAAC
CAAGACATAGAAAGATTAAGTATTTGTCCAAGATCACCCAAGTAAATGGCAGGGCC
AGGAATCAAACACAAGTGGTCTGTCTCCAGAGCTATAACAATTCTGCTATGATATCTCCC
AGAAAAAATATTCGAGTCTACCAGCATTTGGATCCAAGATCAATCCTCTCAAGCAAGTT
CCCTAACTACTTCTTTTGTGTTTTGTCTTTTGGGTTTTTCTGAGTCTCAC
CCTGTGCGCCAGGCTGGAGTGCAGTGGTGTGATCTCGGCTCGCTGCAATCTTCGCCTCCT
GGGTTCAAGCTATTCTCCTGCCTCAGCCTCCTGAGTAGCTGGGATTACTGGTGTGCACCA
CCAACATCTGGCTAATTTTGTACTTTTAGTCGAGACGGGGTTTTACCATGCTGGACAGG
CTGGAAGTCCCTAACTACTTTCAAAAATATTTCAGAAATAGTTATGGCCAGGTGTGGTGG
CTCATGCCGTAATCCCAGCTGAGTGCCTTGAGGTGAGGAGTTTCAGACACAGCCT

Sequence 10409

CGGGCCCCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGGGGTAGAGGTGCGGCTG
GGCCCTTTACGAGGTTTCGGTCTTGGAGCTCCGTCTTCGGCAGCGGGCTCGGGGGCCTCGG
ACTCTGCATAAGGCCCCGGAAAAAGATGACCGGCCCCGGGCTGGGCGCGGTGGCTCATGCC

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TGTAACCCTGGAGCTTTGGGAGGCCTTGGCGGGCGGATCGCTTGAGTCCAGGAGTTTCGAG
ATCAGCCTGGGCAACAAAGCGAGACACCACCCCCACCCCCAGTCGCTACAGAAGGAAAA
AAAAAAAAAAAA

Sequence 10410

CCCCCCTCGGAAGTCTTCTAGNATTAATTAACGCGGGGGATATACAGATAGAAATATCT
CCAGCCATCCTTTTCACAGTGCATAAATAAAATAATTCTTTGATGGCTGGCTAAGGTTAC
TACCCAGAACTTGAAGCTGTTTTTCATCTCTGTGTGTTCCAGTGAAGTCAATAATTGTCC
ACTGCATGTCCAGGACTGGATTCCAGCAAAGGGAGAAATGGCAGAAGAATTTTGACAAAC
TGAAGGGATCTACCCCTCATAGACAGGAACAGGGAACATTTGTTTTCTGCGCAAGTGTAT
TGTTAGCCTTCTAGAATAGCCTGCCAGCTTAAAGAATGCAGCTGGAGCTAGCTCCCTAGA
ATGTTCACTACTGTTTGTATCAGCTAACAGCTCCCAAGCAGTATTTTTCATATTGTAATC
CTCTAATGAAGAATAATTGTCACTCATTGGTCTTCCCAAATTCAGGACAGTTGCTTTCAC
ATGTAAAGGAATTTTCAGTTAAAGGACACTAGGAAAGTAAAAAATGAACTCTCTGTTAAG
TGCCAACATGAAAGATAGCACATCTATGTTATGAAATCCAAAATAAGTAAGTTGGAAATG
TA

Sequence 10411

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGAAGTATATTGGAAATGC
GCCTCTTCTTTCTTTCTGTTAGTTGTATTCACTTCACTGGCTAATTTTTCCAGTCT
CTCACTCAACTACAGGTCACTGTATCCCTGACTTTGCTTTAGCGAAATTGACTTTTTCCCTT
GATTAATTTAGAATTCATGACCTGGCGGGGAAGTTATGGCATTGGGGATTTTTGGTTGC
CATTACTTAACAGGAAGACAGAGAGAGCTTGCAAGTTGGACTCGGGAGACCTGCTTTTTAA
GCCCTGGCTGGACCATTTATTGGCCAGATGACCTTGGACAGGCCCTGTAGGCTTCCTTGA
CACCCCTACCCCAACTGCCATCTATATTTGTGGGGCATTTTTAGCCTCCTAGCCTTTTTCC
AAGGATAATGTGGGCTTTTCAGGTCTGTAACTAGGCAGGCATTATATTATTATTATTATT
ATTATTATTATTATTATTTTGGAGTGGAGTCTTGCTCTTTTCGCCCAAGCTGGAGTACAGT
GGCGCGATCTCTGCTCACCAAGCCTNCAGGTTCAAGCGATTCTCCTGCCTCAGCCTCCCC
AGTAGCTGGGATTAC

Sequence 10412

CCGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGATCTTACAGTGTCTCCCA
ACTACTTCACAAACATTCAATAGTATTAATAGCTAATGTATGCAGATATCTACTGTCTCT
GATAGAATCAACTATTTTGGTTACAAAAGTAATACAATTAGGCCGGGTGCAGTGGCTCAC
GCCTGTAGTCCCAGCGCTTTGGGAGGCCAAGGAGAGCAGATCACGAGGTCAGGAGTTTGA
GACCAACCTGACCAACATGATGAAACCCCGTCTCTACTAAAAATACAAAATTAGCCTGG
CGTGGTGGCAGTGTCTGTAATCCCAGCTACTCAGGGGGCTGAGGCAGGAGAATCGCTTG
AACCAGGAGGCAGAGGTTGCAGTGAGCCAAGACTGCGCCACTGCACCTCAGCCTGGGCT
ACAGAGCAAGACTCTGTCTCAAAAAAAAAAAAAA

Sequence 10413

GGGTACCGGGCCCCCCTCGGAAATACTTCTAGNATTAATTAACGCGGGCGGGCGGCC
CCAGGCGATAATAGAGGAGAAAAAGTGAAGTTCGAGAGGTGAAGGAAGTAGCCTGAGAAG
TGATAAGGGGGTTTCAAAGTGAGGTTTGCCTGACTCTAAAACCCATTCTCCAGGCCCTCTT
CTGTTTGCATCTGTCCCCTTCTCCCTCTGCCATGACCCTGGCGGGAAGGTAGGCTGCTCC
CATTGGCCATCCACCCTCACTGTTCTCTCCAGCCAGAGGCTCCCTGCACATTGACTT
ACTGCTTCACTCCTCTTCCAAATGCCTTTACTTCACTTCTGTAGGGAAGAAAATGGGAT
TAGTCTATTACTGTAGCCTGTCTTTGAATAGAGTATGCTACTCAAATGAAGTTTTTCATTG
GTCAGTCTTTGGACCCTAAGATAAGAATCTCAGAGAGCATTAAAGGAATATTTTTTATTA
ACAGGTCTCTTCACTATAAATAGTCTATAAATCACACCCCTGAGTTCTTCGCTTTGT
CTGTTATAAGCAAAGCTGGCTCAATACCACAGTATGCCACATACTA

Sequence 10414

GCCCCCCTCGGGGGTACTTCTAGAATTAATTAACGCGGGGNGAAAAAAAAAAAAAAAAAAAA
AA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGGGGAAAAAAAAAAAAAAAAAGGAAAAAAAA
AAAAAAGGGGGCCCCCCCCCGGGGGGAGCCCAATTTCCCCTTAAGGGGGGTGTTTTAAC
GCCCTTATTGGCCCGGTTTTTAAAGGGGGGGAGGGGAAAAACCGGGGGGTACCCAAA
TTAAATGGTTTGGAAAAAATCCTTTTTT

Sequence 10415

GGGCCCCCCTCGGAAGTCTTCTAGNATTAATTAACGCGGGGAGGGACACTGCGGGGAAG
GAAAGAGATCCAAAGCTTCATGATGTGACACTTAAGACCAGTCAGTTTTTAATAAGGGAGC

Table 8
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TATTCATTTCTACCAGGAGCTCACGTCATGGCTGCTAGTGAGAAAGGCAGTAAGCTGCGA
TGTTCCCTGTAATTAATGAGCTTTATTTTTCTAGAACAAACATGGTCGGGTGTGGTGGCTC
ACACCTGTAAGTCCAGCACTTTGGGAGGCCTAGGAAGGCAGATTGCTTGAGCCCACGAGT
TCGAGACAAGCCTGGGCAACATGGCGAAACCCTGTCTCTACAAAAAATACTTAGCCAGGC
ATGGTGGCACATGCCTGTTAGTCCCAGCTATGTGGGAGGCTGAGATGGGAGGATCACCTA
AGCCCAGGATGTCAAGGCTGCAGTAAGCCAAGATCCTGCCACTGCACTCCAGCCTGGCCC
ACAAAGTGAGACCCTGCCTAAAAAAAAGAAAAAAGTACCACATCATATGCTGAGCCAGG
TGCTATCTCTCACCTGGTTCTTGACACCTATGAGCCTGCGGGCAACGCTAA

Sequence 10416

CGGGCCCCCCTCGGGGTACTTCTAGAATTAATTAACGCGGGCCATCTAGTTTCTTCAAC
ATCAGTTGTCACTGTNGCCGAAAATTGTATGGTTAAAAGTCACCTCATTCTGCATAGAAT
ATACAAGCCTCCATTATACTTGCCAACTTCTTATTTAAAAAGTCAATTTAGCATACTGTT
TTCCAATACTCTCTTTTTCTTTGATTCTATTTTACATATATATTTGTCAACTGCAGGGT
CTTCTTTTTTGTCAATTTTAATTTTAAATTTCTATTCCAATTTTAATTTTAATTAGCACCA
TTATTTCAAGGCAGCAAGTGTCAAAATTATATTTGAATCTCTGGATAGTTTAAAGAAAAGG
TAGTTATTTTGTGAAAATCACCTAAAGCAAGGAGAGGTGTGACCTCTTATAGCTGTAGA
TTCTAAGTACTTTGAAACGTGATCTTGAATAATAAATATAAAACATACCGTCATATGGAA
GATGTGACTATTTGAGTCGGAAAGATATACTTTGCTACATTTATTGGAGATATTTACAAG
CTAGCTATTCACAAATAAAGATACTAATCTATGAACATAACTAATATGTTAAACAACACA
TTCTCTG

Sequence 10417

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGTCAATGTTCCACCTGTGG
TTTGGCCTTGATGGAGGGACAACATCCCATAATTATTTCTGAGCAGTCAAAGTGTTTCATC
CTTCTCTTTCACGAGAACCCTCTGGAACCTCTGAAGACGATACTTTGGGGTCCAGTGAAGC
TAGTGGCATACCACGAGCTGCATTTGCTTGGCCACACACTCTGCCCCAGGTATTAACC
TAGAAACCACACCATTCCTGGCTTCACACCTGGGGAAAGCTCAGTCTGGGCAGACAAGTC
AGAGAGACAAGTCAGAGAGCACAAAGAGTGGCCAGGAGGCAGGCTGGGCAGGTGGCCCTCT
TCAACAGGTCCCTATGCAATGCCTTCTCATTCTTTTTCTTTCTTTTGTCTATTTTATTA
ACTGCCTCTTCAACCATTCATGCTGAGCCCTGATAATGACAAGTGGGCACCTCCCTTGCTC
TAAGGTCAACAAAGACCCAGAGGTGGCTAAAGCTTGACCTAAGGAGGGAGGAAAAGCTT
GAACACATGGAACATTTTCATAGAGAAGGGGAAGTCAATGTGAAGTTGCAGGTGGGAGTGC

Sequence 10418

GGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGGATCTCTTTTAGGCTTCGC
AATTTTCTGTATCTAGGTGATACCATTATTCTCATTTTATAGAATGGAAAAAAGAAACA
GTAGTAAAGAAATTAAGTCCCTCTCTCATGGTCATAAAGACAGTAAATAGTGAAGCTGGA
ATTGGTTCTCTGGAAGTCTGACTGTGATGCCACACTCCTAATTATCATGCTTAGAGTAC
TTAAGGAACTGGAATAAGCCATGTGGCTGGAGTACAGTGAGCCAGAATAATGGCAAGAG
ATGAAGTTGGAGAGGAGGTAGGGGCCAGGTCAAAAAAAAAAAAAAAAAA

Sequence 10419

GCCCCCCTCGGAATACTTCTAGNATTAATTAACGCGGGACTAATGTTTTGATCCAGTAG
GTCTGGGTGAGGGCCAGAGAATCGAAGTTTGGGAAAGCTCCCCAAGTGATGTTGATAAT
TGGGGATGTCTCCTTTCTGATTGAGAGATGACAGATGAGATCAGAGCATCTCCCTGAAAT
GTGCCATGCAACAATTGGGTGTCTGGACTTGCCAAAAGGCTTTTGAGGATTCTGGAGC
TTAAATTTCAAAATATTAATAAAATAAGGGGCTGAACGTGGTGGCTCACACCTATAGTCCT
GGCACTTTGGGAGGCCAAGGCAGGAGGGTCACTTGAACCTCAGGGGTTTGAGACACCCTGG
GCAACATAGGGAACTCATCTCTAAAAAAAATAGAAAAAAAAAAAAAAAAA

Sequence 10420

CCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGGGGCAATGGCGGGCGCCCCCTCC
CCCAGCCTCGCTGCCGCCTTGACAGTTTGATCTCAGACTGCTGTGCTAGCAATCAGCGAGA
CTCCGTGGGCGTAGGACCCTCCGAGCCAGGTGCCGGATATAATCTCGTGGTGCGCCGGTT
TTTAAGCCGGTCTGAAAAGCGCAATATTCGGGTGGGAGTGACCGGATTTTCCAGAGTTTA
GGATGCTTCAAGGGAAAGATGAACCGGGGAACCGCCACCGTGACTATTTCTCATCTACAT
ATCCACCCCCCGAAGTTCTTAAAGTGGAGCGGAATTCATTTTA

Sequence 10421

CGGGCCCCCCTCGNGAATACTTCTAGAATTAATTAATATTTTAGGGCAGTCAAGTCAT
ATTTGCTAGTCTTATACCCATTTTAGCAATTGTATCACACAATTACTTCACATTGAGTAT

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GGAGTAAAAGAAAATCTCAATTGTTTTCCACTTGAAAACCTGCCTAGTTAGATTTACCTC
ATCTCTCTATTGTAAGATTTTTCTTTTAACCTGTCTTTAAAGTATCCCTAAAGCAAACAA
AACTCCGTATAAATAGATGAGCCAAAATTAAATTGGTATATGATGCAAACCTCTTGATGT
CCCTTGACTTCATCACTTATAAAAAATCTTTAGTTTCTATGAGAGGTTGCTTGTGCGAAAG
TGATTAATATGAATAAGTGAATGAATCTAAATGTTGCAATTTATCATATTCACCTCTTAGT
CTAGAATGAAAATAGCTCTGAAAAGTGACTCTAATTGTACTTTTCCTTCTGTGATAGTAT
CTTACAATGTCTTCCATTTGTATGGATAAATATTCATAAATAATTATCTTCCCTCCAGCA
ACATCATGAACATTCTGGTAGAATGTATGAGGGTACAAATTTGATAAAGACAGATTATCT
A

Sequence 10422

CGGGCCCCCCCCCTCGGAAGTCTTCTAGNATTAATTAACGCGGGATTGATTTTTTNAGTAA
GCCCCATTGAAATCCATCAGATTATCTCCTGCTAGATAATAATGGTCTCCCCCATGTGAAG
AGACAGGCTTTCTTTTCAGCAGGGCTGCCAACAGCCATTACTTTAGGAAAATGGAGTTGA
GAGACACAAGGATCCTGGATAGGGATGAGGCGAGACACCCACGCTGTGGTGAAGACCAGG
TGGCCAAAGCCCAATTTGAAAACCTGATGTGGATGTGTCTGGGCCTGTTCTCTTGAG
CAGGACCTCCCTGTAGTTTGCATTCTTCTTCTCTCAGCTTGAACCTCTTCCCTCAGCACC
TGTGGTTTCATATCTGTTGAGCAAGGGGAAGACATTTGTTGTCTGGGTGATGTTCAAAAA
CACAACCTGTGTTCTTGAGCCAGTTTCTATGTTAAGTACAACCAAGGTCTCACTGGTGACC
TTGAACAAAACAGAAGTAACCTTTGTTCTTCTGGCCAGTTCCAAGTCTCGGAACCTACA
GTCACAAGCCACACATTTCTGACCAGGTTTTTCCCATGCCT

Sequence 10423

CGGGCCCCCCCCCTCNAAGATCTTCTAGNATTAATTAACGCGGGTACATGTGCCCTGAACT
TCCTACAAATGCGGTGTTGGTTGTTTTCCATGCCACATTGAATGTTTCTTTTAATGAAC
ACTCAGATTTCCCATCCTTCTATTTCTCATTCCCCAGACCACCTGGATCAAGAGACACAT
TCAGACGCTAGAATTGAATGTAACATGAACCTAAGGTTTAGGCACAGCATATTGAAAGCAT
TCATTGGAGTGGGGAAGAGAGATGGGGTTTTCTCGGTCACTCAACTCCTACCATAGACTTC
TGTTTTTCTCTGTAATGAAATTGAAGGAAAAAAAAAAAAA

Sequence 10424

CCCCCTCGNAAATACTTCTAGNAATTAATTAACGCGGGTGGCTGATCAATTACCAATCT
GCCCCACTGCCATCCATCAGCTTTGGTATTTGAAAGTACATCTTCAATTCTCTTATGGTT
TCTGAGGAAAAGTTCTTTTGGGGCTTAGTGTGGTGGTTCACCCCTGTAATCTCAGCACTT
TCGGAGGCCGAGGCAGGTGGATCACCTGAGGTGAGGCGTTCAAGACCAGCCTGGCCAAAC
CTCGTTTGTAGTAAACCTCATCTCTACTAAAAATACAAAAATTGGCTGGGCATGGTGGTG
GATGCCTGTAATCCCAGCTACTCAGGAGGCTGAGGCAGGAGAATCACTTGAACCTGGGAG
ACAGAGGTTGCAGTGAGCTGAGATGGCGCCATTGCATTCCAGCCTGGGAAACAGAGCAAA
TACTCCATCTCCCAAAAAAAAAAAAAA

Sequence 10425

GGGCCCCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGAACTAGAGGAAGACATTTA
TAATACAGACAAGGAATAATGCTGTCATAACTACAATAGTGGTGGTACAGATAGACGTAG
ACAGTTTCAACTTCTTAGAAGGTATGTTCAAGGATAGTGACCAGGTTTCTGGCTGTACAA
TTGTGTAAATAATGTACCATTCA

Sequence 10426

CCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGCACAATGATATGGTAAGATTTGGTG
ACAAAGAAAATTATGAAGGAACAGGCAGTATCATAGCTTAATTTGTACCTCAACTAGAGC
TTTTTTACTTCCACTCTGTTTTATATACATTACAGGTATGAAAATTCATTGACTGCTGT
TATAGAAAAGACTGTGAATGATTGCTAAAATGGAACAGTAAATAACTTATTTTGAAGAGA
TAAAACTATGATTATTCCTGAGCCTTTGAATATGTTCACTTGAGAGGGAAAGTATAGTG
GCATTTTCAAAATAACTCTTTAAGTATATTTCATAGAATATTATCCACATGAATCACAA
TAGGAATCTGTTATTGTGGATACAAAACTTCATTACAAATTATATCCTATTTTTACTCT
TGAAGTGGAAATATCAGAAATGTTATGAGATATTGACATTTTATTTAAATCAATCCCTAT
TCACACATAGCTAGTAAATTGTTTCAATTTTATGGCCCTCATGTCTACAGTATAGTAGT
TTAACCCATATTAATACTTTAGTTCTTTCTGTAAAAAAAAAAAAA

Sequence 10427

CCCCCTCGAAGATACTTCTAGAATTAATTAACGCGGGGAGTGGTGGTGGGGGCTGCTCTT
GAGAAGGAATAACTCCAAAGTCTGAAAATTTTGGATGCACAGCATAATTTATTTGCTTCC
TGGAAAGTCACATGGTGAAAATTTCTACAATAAAAAAGTCTGGGCCGGATGCAGGGGCTAA
CCCCGTAGTCATCAGCATTTTAGGAGGTCAAGGCCCGCGGATCATGAGGTCATGAGATT

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GAGACCATCCTAGCCTACATGGTGGAATACAAAATACAAAATTTCCCTGGGTGTGCTGGT
GCCCAACTCTAATCCCAGCTACTTCCGACGCTGATGGAAGGATAATCGCTTGAACCCGGC
TGGCGCCATACTGTGAGAGCCTAGATCTCGCCAGTACACTGCAGCCTGGGTACATAGTG
AGACTCCCTCCCA

Sequence 10428

GGCCCCCCTCGNGGGTACTTCTAGNATTAATTAACGCGGGGCTGGCACAAGTAAGGGT
TCTATAAGCATTAGCCGTTAAAGCAGCCATTAACAAATGCTGCAAGCAATTATCCAAGAC
TTCGCACTGTGCTAGGGTGAGAGTACTCCCCACAACCCGAAGTGCCGCACTCTTGTCCTT
TTTGAAAAATATGATGCAGAAGTTTATAATTTCTTACCTAGCACTTACTGACCCCCGGCC
CCCACTAATTATTCCTTTCACTAAAGAAGAGAATGGAAGACAAAGTCTAATTGAGGAGC
AGGAGAGTAAACAGCAGTTGTGAACTTTCAAGACCTAGATGATCTCTAGCCCACGTAGA
GGCCAGGCCTGCCAAGGCCAGGGGGTTAAAAATGAGATTCTTTGTAAGTGTCAATCA
AAACATTCAAAGATTCCCCCGGGCTAGGGGAGGAAGAAAAGTGTGTCCCTCAAAAATACA
ATCTACCTTCAGTTGAGGATAGGCAACACCCATGTTAACCATTTAGAATAACTCCTTTTG
AGGACGGGCTGGTGGCTCACACCTGTAATCCCAG

Sequence 10429

GACTGGGGTACCGGGCCCCCCCCCTCGGAATACTTCTAGNATTAATTAACGCGGGAGGGAT
GATGATAACAATTAGTAATGAATTTAAGCTGGCTAAGAAAAGAAGAAACAAGGGTGGTGG
TGGAGTTAGGAAGAGCAGAAAGGTAATTGGATCAATAGGTTGCAGGTCTGCTGCTGGGA
ACATTGATAGGTTAGGAGCCACAGGTAGGGTGTCTGGAAGGGTAGGAGGTGATCCCAC
TTCTCTTTGCCCCATTGTTTAGTCACATCAGTCTTCCAACCTGGGGTGTGGAAGATTCT
GTACAGATTTCTTCCCTTCAATCTCATCCGTCTCAGCTCCAGTACCTGATTTTTCTCAGG
AGAATGTGCAAACTAAATTAGATTCTCCTATTATAACCTTGGTACATCCTTGGAGCACTT
GTAATCATAATTTTAAACTATAGGAAAATTTGACATCTAACTCCACCAAGATCTACAGC
TTCTTTGCTCACGACTGTCTAGTGCCTAGAGACTATCAATAGGATGCTTTGCGCC
GGGCGCGGTGGCTCATGCCTGTAATCCCAACACTTTGGGAGGCCGAGGCGGGCGGC

Sequence 10430

GGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGCTGTGGGGACCTGAGCC
GAGTCGGCATTGCTCGCCCTGTGCACAAGACAATATCCTGTTTGGTGGATGCA

Sequence 10431

CTGGGGTACCGGGGCCCCCCCCCTCGGGGTACTTCTAGGAATTAATTAACGCGGGGGAGTAA
GAACAGGAGAGTTAAGTGGAAGCCAGCATCAGTAAATGGGTGAGGAGCCCCTGACCCCC
GAACCGCTTTGATCCCCTGACCAGAAACACT

Sequence 10432

GGTACCGGGCCCCCCCCCTCGGGGTACTTCTANAATTAATTAACGCGGGGTGGGATCTGGA
CTTACAAAAGCTTCCCTAGGAATTTGGGCTCTTGGCATGCACACCTACTCTCAAGGGAGA
AGAGTTAATGTTGTGAGGACACCCACAGAAAGGGTGCCTCAGAGAAGGATTTAAGGA
GGGACGGCAATTCCACTGTCTCACCAGAAGCCAGTATGACTTTAAATATTGATGATG
TTTATTTGCTG

Sequence 10433

GGTACCGGGGCCCCCCCCCTCGGAAGTACTTCTAGNAATTAATTAACGCGGGTACTAACCTT
CGAGTTGATTTACTCTAAATGAAAGTACATATGACTTGTAACCTCCTAACTTTATATCCC
ATATGAGCGATTGATTTTTTTATTTAAGTATATATAGTTGGAAGGTAAGACTAGAAACATA
CACAAGAGCTTGTAATCATTTGCTGATAGTATTGACTTGTGGATCCTTTACAATGTTGT
CTCACTATTTTACTGATCATTAACATTTCAAAGAAGTAAATTCCTTGGGAATCCAAGACG
GTAGACTTGACAGTGGGAAGACCCCTTTAGGCATCAGATCGGGCTTTTGCCACCCAAAAG
ACCTGAAATTCTATACTTGGTAACAGCTTGGAGTGTGGAGTATGCTGATTACTATCACTG
CCCAGGTGAGGGGTATCAGCAAATGGTGAAGGGAGCTGCCTCTTCTCTAGAATGTGATCA
GTTGTGTGGATTTTCCATTTTGCATTTTACAGTTCTGCTCTTTATTGAGTACAGCATAC
CTTCAATCTGTTAACCAAACCATCACCCAGTGTTGACAGGTGAGAGAACATTCATA

Sequence 10434

AAGGCAGGAAAAGAGCTTTGTGGTTGACTTATTACAGAATTAGGACAGGACAGATATGGA
AAATATGTTACACAGGGTTGCTCTAAATGTCCATGAAAGACACCAACATGGGGCAGGAG
GCTGGGAGGAGACAGAGAGGAGAAAACAGTGAAAAGGTTCTCCACATCTAGCTGCAAA
GATAACCTATACAGAGGAAAATTCAAAGTACATTTAAAAAGCCTTAGAATTGGAAAGGAC
CCAGAGGTTATTTATCAACAGGGACTTTATTACACTGAAAGATGGGCCATTCTATCAGGC
CATAATAAGTAAATATCTAAATAATGAATCATTTTCTTAATGACTTCCTTTATA

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Sequence 10435

CCCCCCTCGAGAGTCTTCTAGAATTAATTAACGGGTATTTTGCCATCCCCACATGTGTT
TTTATTGATATAGTCATTTTAAATGTTGCTTATATTGCATACATGTCCTTTGCTTCTTTG
ACCTAATAATGTAGCTTGGTGGTCTTTCCATATCAGCACAAACAGATATCACATTCTTTT
TAATGTAGGCATAGTATTCCTCATATGGATATACCATAATTTATGTAAGCGGTACCTA
TTCTTCCAATTACTATTTTTTTTAAAGTCCAGTGATCCTCTTTATTATACGCTTAGCAAA
TAATTGGGAGCATATATGTAGGCTCAAGTCCTAACACTGGGGAATTCTGGGTCAAAAAAT
ATGTGTCTTTAAAATTTTGATAGATAGAAAAATATTACTTTTAAAACCTTTTGAAATGCAG
ACAGAAACCCATTTTCATTACAATGAAGCACATTGAAAGCTCCTTCCCTTCACTTAACCC
TCGGACCAGATGGCCGACTCTGCACATGCATGCATGGATTAAAGAAGTCTACTGTACAG
AAAATTAATTTAGGGTCTAAATTAATGCTTAAATAAATTTATTCTCATCAGCCCC

Sequence 10436

CGGGCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGTGTCAGTAAGCATCTGA
TGAGGTGACAGAGTTAGAAAAACAGTTGATTCTGCTAATTTGTTGTCCAGCTTAATGGTGG
TTTTGGTGGGAAGAACCAATTAATCCCTGAAGCTTCTGCCCTGCCGTTTTCTGTGACGTC
ACTGCTGTCTTAAAACATACTAAATATTAGTCATATTAAAAAAAACCTATAGGCTGGG
CGCAGTGGCTCAGCGCTGTAATCCTAGCACTATGGGAGGCTGAGGCGGGCGGATCACGAG
GTCAGGAGATTGAG

Sequence 10437

CCCCCCTTCGAAAGTCTTCTAGAATTAATTAACGCGGGGAAAAAATTAGACTTTGGTTTT
CCTTTTATTAATTGTACAATTTAGTATTTTTCATTGTTATTTTTTACAAAACCTAGAGGGAA
AAGGAACCATATTTTTTTCCAGGTCTTCATGGCCTCTCCACACCTTTAATCTGGCTTGG
ATCAGGCAATAATATCTCAGATTTCAAGGGTAGAGTGCTTTAGGTGTTTGGCTGAACCTCT
AGACTTAAGGTGGCTGGGCATGGGCATTGGAAACAAGGCTCAATAATAAATATGGTGGTA
CTGCATTTGTGTGAATACAAAGCTGGCTGGCCATGTAAAAATTCTTCTCTCCAGCCGG

Sequence 10438

CCCCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGGGTGTGAAAGAGACCCAGCTATA
AGCATGTTCTCCAACACAAATTCATCTTCATCATCAAAGCTTTTTATTATTTTGA
AATAAAAACCTATTCTACAAATACTTATTGAACAGTTTTTATGCCCGAGAAACCGGTCAG
GCAGGAGTACATTGGTGAACAAAACAGATTAAAAACCTGCCCTCGGCCGGGTGCGGTGG
CTCACACCTGTAATCCAGCACTTTGGAAGGCCGAGGTGGGCGGATCACGAGGTCAAGAG
ATCGAGACCATCCAGGCTAACACGGTGAAACCTCGTCTCTACTAAAAATACAAAAAATTA
GCCGGGCGTGGTGGCAGGTGCCTGTAGTCCCAGCTACTCGGGAGGCTGGGACAGGAGAAT
GGCCTGAACCCGGGAGGCGGAGCTGGCAGTGAGCTGACACCATGCCACTGCACTCCAGCC
TGGGTGACAGAGCGAGACTCCATATCAAAAAAAAAAAAAAA

Sequence 10439

CGGGCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGACAAAATGAAATATTGAG
AGGCGGCTTATCTATCAGGACCAAAATACAAAACAATCACTCTTCTATAACAGCAGAGGCC
CTGTTGGTAGCTCTTGCCAGTTTTTATATAGGCCTCTGTGTAGTGAAGCAACAACAGAAA
GGGGGCTATATACTCTCATATTGCCTTTGAAAGTCAGAAGCTGTTTGTGTGCGATTTGTT
TGATTGACTCCAATTGAATTCTTATTCTGGCTAACTCCCAATATTTAGCACTTAAAGAA
AACAGATTGAATTTTTTAACATTTCTGTAGAAACTTATCTGTGGGTCAATTTCTTCATTGA
GTACACCAAGAATAAAAAAAAAAAAAAA

Sequence 10440

TAATTAACGCGGGCACTACCCTGGAGATAGTGACATGCTATCCTTTTTGGAAAAATTATT
ACATAAAATATGACATTAAAAAAATTTTATTACAAGAACAGAAAAACAAAACAAGAATAA
TCTTCACTTGTTCAGTGTATCCCTCAGAGCAACAGAGTTATAGATTAACTCCTAACAAATA
ATGTTGTCTATCTACAGCGATTTTCATGTTTCCATGAACATAAATTAGTAAATGCTTTAAAA
CTACAATTGATTTTTACTGAGTTCAAAAAGAAAACGTGGCTGGGTACAGCAGCTCATGCC
TATAATCACAGCACTTTGGAAGGCTGGGGCAAGAGGATTGCTTGAGCTTAGAAGTTCAAA
ACCAGCCTGGGCAACACAGTGAGACCTCGTCTCTACAAAAAGTAAACAAAAAACTAGCTG
GGCGCAGTGGTGCACACCTGAAGTAGCACCTACTTGGTGGGAGGATCCCTTGAGCCTGGG
AGGTCCAGGCTACAGTGAGCCAAGATAGAGCCACAGCACTCCAGCCTGAGTGACAGAACA
AGACTCCGTCTCAAAAAAAAAAAAAAAG

Sequence 10441

CCCCCCCCCTCGGGGTACTTCTAGAATTAATTAACGCGGGGTGGAGCAGGTAAGGGCCTAAA

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GTCTAGAGTTAGTTTTGAATGAAAAGTGGTTATATCACACAGTCTTAAGTTATCCAAAAC
ATACAAATTAGTACTTTCCCTTTGTAATTTACACATTTGGCCAGATTTTCTTCTCCAGAT
CTTTCTTCTGTGCCTAGCCACTAGTTGCTTTTTAAAAAATACATTTTTTTGGTCAGGTGTG
GTGGCTCACATATAATCCCAGCACTTTGGGAGGCCAAGGTGGTGGATCACGAGGTCCAGGA
GATAGAGACCATCCTGGCCAACACGGTGAAACCCCGTCTCTACTAAAAATACAAAAATTA
GCTGGGCATGGCAGCAGGTGCCTGTAATCCCAGCTACTCAGAAGGCTGAGGCAGGAGAAT
CGCTTGAACCCGGGAGGCAGAGGTTGCAGTGAACCGAGACTGTGCCACTGCACTCCAGAC
TGGTGACAGAGAGACTCCATCTCAA

Sequence 10442

CCCCCTCGAGGTACTTCTAGAATTAATTAACGCGGGGGCAAATGCGAGTCCCTGTCAC
GCTTTTGACGCCACAGCTTTGGAGTTGTCTATGGAAACAGTTGAACAAATGAAGCCCAGGA
AATCCCTCATCCAGACTCCATCGTAGAGAATGTGTGGAATGACCGATCCAGGGGCCCCAT
AAGTCCGCCGGTTTTTCAGGTGCCCACTTGGACACAGCTGGCCAGGAAAGGGAAGGGACGG
GTCTGGGCCAGGAGGGACCTCACATAAGTTCTATGATGATTTGGTTTTAAATCTTGGCCG
GGCGCAGTGGCTCAGGCCTTTAATCCCAGCACTTTGGGAGGCCGAGGCGGGCGGATCACT
TGAGGCCAGGAGTTCGAGATCAGCCTCGCCAACATGGTGAGGCCCTGTCTCTACTAAAA
TACAAAAATTAGCCGGGCGTGATGGCGCACGCCTGTAATCCCAGCTACTCAGGAGGCTGA
GGCTGGAGAATCGCTTGAACCTGNGAGGCGGAAGTTGCAGTGAGCCGAGATTGTGCCACT
GCACTCCAGCCTGGTCAACAGAGTAAGACTGTCTCANAAAAAAAAAAAAAAAAAGAAA

Sequence 10443

CCGGGCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGGTGGGTGGTGTGCCTC
TGTGTTGGTACCCTTCCTTTTTGGTTTCATCTCCCTCTGGAGCTTTAGCGGGTTAATACAG
AGTGTCTTGGGAGACAGCCTTCCGTGAATCCTGCACAGTGTGTCGAAGCCGCACTGGTGG
TGACTGAGTTGCTGTGCCCCGTGTCCGGTGAGTAAGGTGAGCTAAGTTGGTGTGTTGTGCT
GGAGGCCTGGTTCATTGCAGAGGTGGTGCAGGGTTAGATTTTGACGTCTGTCCGGGACTC
AGGCTTTTCTCAGCCTTTGTTCCAGAGCATTGGGGTGACAGTGGAATGTCTCCAGTGC
CGGAAAGAAAACACAATGAGGAATGGCGTTTCAGTAGGCGGATCTGCCTTTTCATCTAAAG
TAATAACAGCCAAGTATTCTGGAAGAATTGAAAGAGGCTAGCAGTCATTCTTAAAGCAA
AGTCTTTTCTGCCAAAACAGTAGTACATTTTATTTTTTAAAGACTTGAAAATACAAAAGA
ATGACCCCGCATAACCCACGGTGCAAAGGTGAGCATTGTTAACACTTTTGGAGTTTGT
TCCCTTTTCAGTTTT

Sequence 10444

CCCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGGGTCTCACTTTGTCAACCAGGCT
GGATTGCAGTGGTGTGATCTCGGCTCACTGCAGCCTTGACCTGCCAGGCTCAAGCAATTC
TCCCATACAGCCTCCCTGGTAGCTGGGACTACAGGCCCCGCCATCATGCCAGCTAAC
TTTTTGAATTTTTTTGTAGAGATGGGGTTTTGCCATGTTGCCAGGCTGGTCAAACCTCCT
GAGCTCAAGTGATCTACCCGTCTCAGGCTCCCAAAGTGCTGGGATTACAGGACTGAGCCA
CTGCACCTGGCTACTCTCTACCTTTTGATAAAAGGAATTAAGTTGGTAAGTTGGTATATA
GTTCAATTCAATTACGTGTATTGAAATTGATTCTATTTCTATATCAATTATTTTATACATT
TTATTTTATTGTTNNTTCTTGTAAATCTTTTTTTCTTTTACAAGCTTGACAAATTTTTGT
TTAATACCCTATTTTCTTTTTTTAGTTTGAAAATTTTCATGGTCAAATATCTAAAATA
AACTTTTAGATTTTAACTGGGCAGAGATA

Sequence 10445

CGGGCCCCCCCCCTCGGAATACTTCTAGNATTAATTAACGCGGGCAATAGTGAGGCAGACA
CTGCTTCAGACATCTTGCCTTTTTTGTGCATTATTTATGAAATTACTTGGCAATGATGCT
CCTTGAAAAAGCGGCCAGTTTGTAAGAAAGCCTTCATATGTAGATGTTGAATTTTGCATT
TCAAGGTCCCTTGATAATTTGGTAGTTTGAAAAAGCTGGGCTTTCTTGATTGCTTTGGTC
TTATTTCTTACCTAGCATTTTTTCCCTAGCACAGGGCAATTGATTTATTTTCAGTGGTAG
CTGAAACAAATATAAAATTAGATACTGTTTTTGCAGTGGTCATAATTATCATTTTATAG
TACTATAGTGTTATCCTCATCTGTGAGGAAACCAAGAGATAAAAAATGTCATTGGTTTTTC
TAAACGAGTTAAAGTGACTAAATGTAGACTTTGGATAAATGGGAACTTTTCTTTCAAAA
AATGATTCAATTCTGATTATGAAAGTAATCGATATAATAGTTACACTTGGCAAAAAATTGG
AAAATTCAACAGTATAGTGCTATGCATAGCAAGCAATGTANATTTGAATTGTGAATGGAA
C

Sequence 10446

CCCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGATGCTAAATAAATAACTCTCACT
GTTATTACTTTGTATTAAGATATTATCTTTGCCCCCTCGTGGCAGTCTCTCAACAAAGAG

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TACTGTAATTGCATTTAATCCACTTAGTGGATGTGGAGCCCAAAGGGCAGCCATCCTAG
AGCAGCGTACAGGCTTAGTTCCAGACTTCGTGTTTGGTTGTTTCATTTTCATAGGCGAGCCA
CGTGTGTTTGTAAACATATTCTCGTATATGTTATTTGGATTATTTTCAGGGCTTTCTGAAGA
AAATAAACATCGAAAAAAAAAAAAAA

Sequence 10447

CCCCCTCGAGAAGTCTTCTAGAATTAATTAACGCGGGGAGAAGAAAATCGGGGAGCCAT
GCATGAGGAGGCAGTGCCTAGAGGTGGTTAGAGGTACCAAGGAAAGTTTCACCGATATTG
ATGATATTCTGCACCCCCACCCCAATACTGATATAATTCTATCTCAAGATACCCCTGGG
CCCATCATGGAAGAGTTTCATGGGTCAAGATTGAGTTTTGGATTTTTCTCATATACAA
AAGTAGATATTATGAAGAGGAAAGGACACAAGGTGACAATTTTATAAGAAATTTAAATG
GTGTGATTTTAAACACATTTGGAGTACTTTTAATCTCTGGATTCTGAAATATATTTCTCG
AAGAGGACATTATTTATATTAAGCCCTTCATGCTTAGAACTGCTCAGTCCATCATGA
GCATCTTCTGTGCCAGCTATTTATAAAGTAACTTCAATATTTGATTTTCAACATGCCTTG
GTAACCCCTAAAATATTGGGTCTTGCCATTCAATTAATATTATCAATTCATGTCTGT
TTCAGTAAATTCATCATTGAGTGCCAACTATGTGTGAGCACTACTCGTTATTAA

Sequence 10448

CCCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGGCACCACGGGGGATCCAGCCAAG
GTCGTGCAATGAAAATGAGGCAGAAGAGGTAAAATCACTCGTCCAAGGTCACACAGCCA
GTGGTGAGGATAAGCCTCAGATAAATCAAGGTCATCCAATCAGCCTAGCCACATCCCGC
ATTATAGAAACGAAAAGAATGTCAAGAAGACACATCAGTCAGTAACTCCAAATTGTATG
TTGATCGTAGGTAATAAAGCATTGTGTGAGGGAAGACATCTCACTAAGGACTGCACTCCA
GCCTGGGCGCAGAGGGGAGACTCCGTCTCAAAAAATAAAAAATAAAGCTTCTTGAGCTNG
AANAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACCANAAAAAAAAAAAAAN
GGGGGCCGCCCCGGGGGGGGGCCCAA

Sequence 10449

TTCTAGCATTAATTAACGCGGGCGAGGTTCTTCAANACTAAAATATTTACTATCTGGTCC
TTTACTATTTACTAATATTTACTAAAATATCTGCCAACCTCTGGTCAAGAGAATAGACT
TCATGCCCTACTTTTCTCTTTTAGCCCCAAAATACTAGTTGCTAAAGCTCACACATGCC
TTAATTGCACCCACTGTCCTCGCTGAATGCAGTTGAGATTCTGTTCCCTTTATGCTTTTAA
AACAAAGTACTGCTCATCAAAGAACAAGAAACTGATTTCCCTGAAT

Sequence 10450

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGCGAGGTTCTCCAAGACTA
AAATATTTACTATCTGGTCTTTTACTATTTACTAATATTTACTAAAATAATCTGCCAACCC
TCTGGTCAAGAGAATAGACTTCATGCCCTACTTTTCTCTTTTAGCCCCAAAATACTAGT
TGCTAAAGCTCACACATGCCTTAATTGCACCCACTGTCCTCGCTGAATGCAGTTGAGATT
CTGTTCCCTTTATGCTTTTAAACAAAGTACTGCTCATCAAAGAACAAGAAAACTGATTC
CTGAAATAAAATTTGAAGATAAAGAACATTCTGGATTGCCTTAGGAAATTAAGGGGAAGG
AAGTAATTCAAAATCTATAGATCTTGATAGGTCATAAATCCTAAAGGATTTCAAGACATA
GGTCAAGAGAAAACCGAAGTCTGGAAGGGGATAATGAAGGAGACAAATAAATAATATAAA
TGTATTTATTACCACTGAACGATACACTTAAAAATGGTCAAGATGGTAAATTATATATGT
ATATT

Sequence 10451

GGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGAGCAGATGCTGCTCACAA
TTCTCTAAAACAAGGTCTTTTTTTTTCAACCCAGATATATCAAGAATGGGACACAATCT
CCGAGGAAGAAATTGTGAGCATTATCTTGAAAATATCTTTGGTTTCCATTACATTTTCG
GATTTCTCTAGACCATATTTGTAGTTCCCTTTTTGGTGTTCCTTCTGTAAGTTTATA
TAAACAGCAATAAGACTATAGCTCTTCTCACAGGATACTTTGTTATTTCTTAATGGGACT
GTCTGTCTGTAGGCTATGAGCTATTTGAGGGCAAAGAATATTCTATTCTATCTTTATATT
CCTGGCACATGGTAGGCACTCAGTAATGCTGCTGCTGAATTGAATCGGCTGTGGGAAAAA
AACAAATGCTTCTCCTCAGTCAGCATTGTTTTCTAGGATCTATTCCAATATATTTCCAA
CAAAAATATGAGATTTAAAGATAGGCAGAGAGTGAATTGAATGAATATTGCACAAAAA
CTCCTTGTCTTTAAAGGTGGAACAAAATCCACCACCTTCCCAAGATAGCTGTTCTGTCT
CACATCTTCTTGAAGCAATGAAATGATGA

Sequence 10452

TTTTTTTTTTTTTCGGAAATAGGGCCTGGCTCTGTGGTCCGGCCCTAAAGGCCAAAGGTGG
GATCATGGCTCACTACACCCATGACCACTCTTTATTATTTTCTCCCTTCGGCTGGTTTTA
ATGTCCATTGGCTTCTCTTTTTCTTTCTTTTGGAAAGGGAGCCTCCCTTTCCCC

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CAGGCGGGATTCAACCCCCGGGCCCCAAAAATTCTCCCCCTCAGGCCCCCGAGTAAAGGG
GACTATGGGCCCCCCCCCGCCCTCAGCTGGCTCCTTTTTTCTAAAATAGTTCCTCAAAA
CAAAACCTGGGAATATTTATTGGAAAATTTCTCCCCAAATATAACCAGGGGATGCTATA
AGTTTCTTCTGATAAAAAAATATAATTT

Sequence 10453

CGGGCCCCCCCCCTCGAAAGTCTTCTAGNATTAATTAACGCGGGGGAACCATGAAGACTGG
TTTTAGGATAACTGGTTAAGCAGATTCAACAGCAACCATCGTTCAGATTTTTTTGTTTGA
ATGTTTATTTCCAAATTTTTTATTACAAATAATTGCTGTAAACATCTTGGTGTAGGTAAC
TTTGATTTTTTTTTTAAGGATTCTTTTTTTTTTAGGATGCTTCCATAAAAATAGTGTTACT
GAGTTCAAGTGTGTGGATATTTTTAAGGTTTCATGAGTAATTTTTCCTTTAGGCTGCTTC
TTACAAGAGTTGGACCTATTTAGAGCAGCAGTAAATAAAGATGTCCCTTTTTACTATTCT
GTTATAAGTATAAGCTAATTGCATTTTACATTTTTTGCTAATTTTCATGGCATGTGCCATT
TAAACATTTCGTGAAGCAGAATATTTTCTGTCTGTTTACTAATGATATTTATTTTCATTG
ACTTGTGTTGGCCTTGTCTAGTTATGTTAGAGCCTTAGTGTTTTCTTATTGATCTACCT
GAGACTTACAAATATATTAACCTGTTGTCATATTTGCTACAAACATTTCCATGATGAATT

Sequence 10454

CCGGGCCCCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGGATGGCTCATGCCTGTA
ATCCAGCACTTTGGGAGGCTGAGGCTGGTGGACCATGAGGTCAGGAGTTCGAGATCAGC
CTGGCCAACATGGTGAAACCTGGTCTCTACTAAACTACAAAAATTAGCTGGGCGTGGTG
GCGCACGCCTGTAGTCCCAGTTGGGACTGGGGCTAGTCCTTTGGTCTTATATACTATATT
ATGGCTTCTTTAAGAAGATTACATACATGATTTGATATACATTCTGAGAAGATTATCACA
ATCAAGCTAATTAGCATATCCAACACCTCCCATAGTTACTTTTTTTATGTATGTGTATGG
TGGAACACTTCAGATGTATTCTCTTAACAAATTTTCATACCTTATCATGTATAATTACCA
GGCTGTATGTTAGATCCCCCAGAATGTATTCCTACTGCATAACTGAAACTGTATACCCTT
TGACCAACATCTCCTATTTCTCCACCTCCCACTCCAGCCCCCTGGTAACACCACTGTACT
CTCTGTAGAAGTTCAACTTTTAAAAAATTAGCCAGGCAAGGTGG

Sequence 10455

CGGGCCCCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGGAGGGACATAAGTTAGACA
CCGGGAATACCCACACCTTTGCATGTGGCTGCTTCGTTTCTGTGCCTGAGCCACTTGGCC
CTTGCTGTAGCTTCTACTCGTTTTACAAAGCCCTGCTTGTGCTCACCTGCCCCGTTGGC
GCCCTTGCCAACCTACCCGGCCAACCACGAATCACGGCCCCAGGCTGTCCACAGGCTACCC
ACAGGCTACACCGGCTGCAGCTCCTCTTGACAGCATACCCTGCATCCGGCGCTGTAATGTG
TGTGTGCCTCCCCCTGGGCTGGGGCCCCCTTGAAGCTGCGGGTCTT

Sequence 10456

ACTGGGATACCGGGCCCCCCCCCTCGGAAATACTTCTAGNATTAATTAACGCGGGCAGTGC
ATATATATATATATTAATTTTTTTTAAATTAAGTTGAATTTTAAACTATGCCACACTCAC
ATATACACAAACACGTCTTATAGCCCAGCTGGTTTTATTGTGGAATTCTACCACACATTT
AATAAAGAAATGACACCAACTCTACAAAACTCTGAATATTAAAGAGGCTACCCTTAAAA
ATTTATTCTATGGAGACATAATTAACCCTGCTACCAAACCAGAGAATTTTCATTTTAATA
AAAGAAAGCGATGGTTCATTATACCCCTGTGTGCATAGATACATTCTTGACAATAGTTTA
GAAAATAGGATCTATCAGTATATAAAATAAATAATACATCATGACCAATAGGGATTTTTT
CTATAATAAAATATTTATTAATATATCAGAAATCCATCCATGTCCTTCACTGTTATCAAT
AGAGTAAAAACAGTGATCTCTTAATGAGTGGAGAAAAACATTGAGAAAAATGCAATATT
TGTTTATGACAAAAACACTCAGCAAATTAGAAGGAACTT

Sequence 10457

TAATTAACGCGGGAATAGGANTTAGGGCAACAATATAAGAACATAGTGCCTGCTGCTGGA
GCCCTTCCACGTTTTTTTGTCTTTTTTTTTCTGTACTCTGACACTGTCTTGACAGTTTTCTA
AACAATCTCTTATTGATTCTCAGTGAACCTAATTCATATTCTGAGCATTTTGTTTTTTTT
TTACAGCTTGAAAATATGTAAACCTATCTTCAGAATACTAAAAAATAGTTGTACAGAATT
ACCAGTAATTACTAATTTTATTTTCTCTCTCATGGAATCACATTACAGAACAATAGATTT
CTATTACTAATAAAAGCATCTTTCTGTATTGCAAACAAGAATGTTGAAAGTATTTGAAAC
CACTTTGGCAATGGGAAAAAAAAAAAAAAAA

Sequence 10458

CGGGCCCCCCCCCTCGGGGTACTTCTAGNAATTAATTAACGCGGGGGAGGTGAGGTAGGC
GGATTACTTGAGCTCAAGAGTTTGAGACCAGCCTGGGCAACATGGCGAAACCTTTCTCT
ACAAAACTGCAAAAAAATAGCCAGGTGTGGTGGCTCAGGTCTTGGGAGTCTGAGGTGCT

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TGGAAGTCTGAAGTGGGAGGATCACTTGAGCCCAGGAGGTCGAGGCTGCAGTGAGCTGAG
ATCATGCCACTGCAGTCCAGCCTGGGCAACAGAGCGAGACCCTGTCTCAAAAAACAAAA
ACAAAGTATTACAGACTGTGAGGCACCTCTGAGCAGAAAGATGTGGTGGTCTCACCTCACT
CAGCTCTTACTCTTCGCGTGTCTGTTAAATTCTCTTCTCTGAGCGCCTTCCTGACCACA
CAGGCTCACACTCGGTCTTGGGGGAATTGTGGACAGTGTGTTTGTGCTGGCCCCACAGGT
GTTCACTGAGAGCCGGACATTGCTCTGTTAATGACACCATGGTGGTCCCTCGGGGTGGG
GAGAGGCTTGGGGACCTCTTATACCAAAAAAAAAAAAA

Sequence 10459

CGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGGTGGTATCCAAGGTGGCT
GGGGAGATTGTAGAAAACCTTTCATATTGGGTGTTTACAGCAAGGTGGAAGCTGGAAGAGG
AGGTCTTTTATTAACAGATGTAGCACATTATGGTGGTTTATAACAGTGTCTGCTTATGGTT
TAATCCTTGACTACACATAATCATTTCAAACATTTGAAATTCAGAGAGAAACCTAACATT
TCAAACATTTGAAAGAACATTAGATAGTAAGTTTGGTCCACTGATTGCTTTATTTCAAG
ATACTGAAATGATTTGGGGATTGACTCCCATACTTAATTT

Sequence 10460

AATTAATTACCGCGGGGATAAAATTGAGGGTTTTCCAGTAGAAGCTTATGCTTAAAAAAT
ACTTAACATGCATTAAATAAAATAATGCAGGCCAAATGAGGGGGCTCATCCCTATAATCC
CACCTCTTTGGGAGGCCGGGGGGGCCAAATCACCAATGTCAGGATTTCAAGCCACCCCT
GCCCAACATGGGAAAACCCCTTCTTTACTAAAAATCTAAAAATACAAAAATACCCAGGC
GGGGGGGCAGGTCCCAAAAATCCCATCTACTCGGGAGGCTGAGGCAGAAAAACACTTAA
ACCCAGAAGGGGGAGGTTGCAGTGACCCTAAATCGCCCCATTGCACTTCAATCTGGGTGA
CAGATGGAAACTCCTTTTTTAAAAAAGGGAAGAACAGAAAAAGGAAGTGCCCC
TTTTAAATGTTAAATATACCGCTTGACTTTTTGCTTTCCCTATACCTGTAAATAAAATG
GGGTGTTTCTATGCATATCAGAAAACACAATT

Sequence 10461

GGGTACCGGGCCCCCCTCGAGAGTACTTCTAGAATTAATTAACGCGGGGTCTCTACAA
AAAATAAGATAAAATTGCTGGGCATGGTGATACGTGCCTGTAGTCCCACCTACTCGAGAG
GCAGAGGTGGGAGGATCGCTGGAGCCTAGAAGTTTGAGGCTGCAATGAGCTGTGATCATG
CCACTGCACTCCAGCCTGAGAAACAGAGCAAGATCCTATGTCAAAAAAAGAGAGAAAGA
AAGAAAGAGTGAAAAGAACAGAAAGAGAGAAAGAGAGACAAAAACAGAGAAAGAAAGAA
AAAAGAAAGAGCTGAGGAAGGAATGTAGTCCTTTAGCATCTGTTGTGATAGAGCATTCT
GCCACAATATTAAGTGAAATTCACCTACCCATATTACATGGCCGCAATCTCCTCCCTTT
CCCAGCATTGTTCTCCTAAGCAACTCTTTTTTTCATTCTTCAACTCAACCTGAACCTCACC
TCTTTCTGCATCCTTGAGAGAGATTTAGAGCTTCTACATAAGGCACACAGCACCTGCATA
TATATTGTATTATCTTAATGCTATGGAATAAGTCTCCTAACACACATTCATTTCTAAGC
CTGGAA

Sequence 10462

CCCCCCTCGGGGTACTTCTAGNATTAATTAACGCGGGATCTTCCAAATCAAGAAGTTAA
CATCGCTACAAGACCGTTACAGAATCTATATAAGTTTCAATTTTCAATTTCAACTGTC
CCAAGAATATATTTTTTAAAAAATTGGACTGGGTGCAGTGGCTCATGCCTGTAATCCAG
CACTTTGGGAGGCCGAGGCGGGTGGATCACGAGGTTAGGAGTTCAAGACCAGCCTGGCCA
AGATAGTGAAACCCCATCTCTACTAAAAA

Sequence 10463

CGGGCCCCCCTCGAAATACTTCTAGAATTAATTAACGCGGGGGCTGCTGGTTGTCTC
CCATTTTTCTCCAGAGCCCGGCCTGAGTCCCAGGTTTGGGGAACCTTGCTTACCCCCAC
TGCTTTCTATACACCGCCATCCACTCAGCACTGACTACATTTTGCAACTCCCTCTATC
CCATCAACTCAGGAAGACACGTATTTCAAAGGAATATAATGCTAGACACTTTACACGTGA
CAACACTTAACCTTCAACAACCTTGCAAAATCCTGTTCTGTTCACTAGTTAGGACGGGA
TACTGAAGTTCTGAAGGAGGCTGCCTGGGGACTCTGTAC

Sequence 10464

CCCCCTCGAAAGTCTTCTAGNATTAATTAACGCGGGGATGCATTCTAGTTGATGATATG
CAGTAATGCTACAGNGAAGAACCACCAGACATTTTCATGAAATCAGTATTAAAAGA
GTTTCACTGAAATCATTCAAATACACCTCTGTCTATTCTTTTTGGCTGTGGGAGTCCCTCTG
AGGACATTTGTGCTTACAAACATACAGGGCACTCTGGCCTAGTAAATTAACAAACACAA
CAACAATACGTTTGTAAAAACAAAAACAAAGGGGGGTGGCAAGGATTAGCATTTTGATGT
CGTATGTGATGTTTCAACCACTTTTCTCCCCGCCACCGGTTATGTGCATTTGAGTCAT
GGTGAAGATGATGCCAACTTACCAACCTCCTCAGTGAGCCAAGGATTGCTGATCTCTGC

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TGGGTGACCTGACGCAGAGTCTCTTTCCAAGGCCTCCGTTACCTGAGCTTTCCTTGTTAA
GTTTTTGGAGCCGCCACTTCAGAAATTAACACCATTACAGCCCAGGAGCAACTTAACA
CAGCTAGGAAGTCACCTACAACATCTTCTCGTCCGCCTTC

Sequence 10465

CCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGGGTTAACACAAAGTCTCTGGTAAA
AGAATGCCAGATTTTAATGATTTTTTAACAAAAATACTTTCCACTTTTGTAAGTATTTAAC
TTATTAGTGTGCACTTGCATCTCACTTGATCTTTGCATTAATCCAGCAAGAGAGATAGGC
CATATGTTGTCATCTCTATTAGACAGATGAGGAAATAGAGATATTTATTACTAAAAATTT
GAGTAAGAAAGCAAACACTGAGCCAGAATTGGAACCTGAGGTCTGACTCCCCTTCTAACT
CTTGAGAGTATGGCTCAGAAATGGGCATCTCTAGTCACAAAATGTGGCTGAGCT

Sequence 10466

GCGGGTCTTTAAATTTAGTTCATACCTCAAAATGGATCTTAGCTTCTTTTTGTAAATCA
AAAAATATAAACTTATAAGTGAAACTTAGGAAAAGGGCCTTGTAACCTGGGTAACCA
CCTTTTTTGGGCCCATTCCTCAAAGCCTTGTTTTACAAAATAAAAACCTTTTTAACGGGGC
CTAAAACAAATTTTTGTCTTCCAAGGGCCCTTTATTGGAGTGAAAAGATAAATTGGAGA
GAAAATTTTTGCAATTTCTCTATCTAATAAGGCACTGGGATCCAAAATATATAAAAACCT
CTCAAAATTCATAATAAAAAAGCACCCACCCAGTAAAGGTACACAAAAT

Sequence 10467

CCGGGCCCCCTCGGAATACTTCTAGNAATTAATTAACGCGGGGAAAGAAAAAAGCA
GATCCCTTACAATATAATAGAACAAAAACAAAATCTACCCAGTTATTTGCTGGATTATCT
GAGGCAATCTCTCTGGTCTAGTTAACTTGAATACTGAAAGACACTCTATACGCCTGCA
GGTGGGAGACACAAATTGTTCTTCACTGAAAATACTCTTGAAATGTCAACCTGCCTCCT
GAGAAGTACTGCTGAACACATAGCTCTAAGGAAGTGTGTTCAAAAAAAAAAAAAAAAAA

Sequence 10468

CCGGGCCCCCTCGGGGTACTTCTAGNATTAATTAACGCGGGATCTTGGAGTCTTCTAG
GGCTTGGGTCCCTCCGTAAGAGTTGACCTGACACAAATTAGGGCAATTAATAGGTTCACT
TGTATATAGTTTTGTAGAAAACAAGCAATTGAATATCAGCAATTTTATATCGTTCAATG
TGACATTTGAATTTTTTAAAATTAGAATTAACAGGACTTGATAACTTATTAGTGGCAAAA
GAAGAAAAGAGCTAAGTGATTTTGATAAATGTTGATCTTTGGTGCTTCTCTTGAATTAGAC
TTCATGGTAATAATGTTAATATAGACAACAGTCATCACATATGAATCTTTGTTTCAGGC
ACAATCTATATATATGTATGTATATATGAACAATATACATTACGTATGTATACAAATAT
ATAACAATATATATACTTGTATATTATATATACTAGTATATAAGTATATAAATATATAT
ACTTCATATATTATTATACATTATGTATGCTTATATATATACTTATATATAATATGTATA
ATATACTTACAATATATAACAATATAATA

Sequence 10469

CCCCCTCGNGAATACTTCTAGAATTAATTAACGCGGGGATACTAACTTGTTCAAGAAAG
GAAGGAGTTCCCTTGGTAAAGAAGGAAACAGGGCTCTAGAAGGAAGAACTAATAATGCATC
AGAGGATGAGTTTGGAGTGAAGGCTTGGATAAACTTGACACTCACATCATGGGAAAAGT
GGAGAATGGGACCTGGTCTCAAGTGTAGCATATGGCACAGACAGAACTTCAAACCTAACT
TCTCTAGGTCTGTGGGTGTGTATAAGAATAATGGCTGCTGGCCAGGCATGGTGACTCATG
CCTGTAATCCCAGCACTTTGGGAGGCCAAGGCAGGTGGATCACTTGAGATCAGGAGTTCCG
AGACCAGCCTGGCCAACATGGTGAAACCCCATCTCTACTAAAAATACAAAAAATTAGCCA
GGCGTGGTGGCAGCCACCTGTAATCCCAGGTAATCAGGAGGCTGAGGCAGGAGAATCACT
TGAACCTGGGAGGTTGCGGTGAGCAGAGTTACGCCATTGCACTCCAGCCTGGACAACAA
GAGTGAAACTCCGTTTCAGAAAAAAAAAAAAAAAAA

Sequence 10470

CCCCCTCGTACAGTCTTCTAGAATTAATTAACGCGGGGTAGAAGATTCTGGGGACTCC
ACCAAAAAAAAAAAAAAAAAAACCTTTTGAAACTAATAAGTGGAGTCCACCAAGAAGG
GGGAGGATCCACCTTCTTTTTTATAAAAATCATTTGGGCCCGGGCTTGGTGGGTTACAGC
CCTGTAATCCCACCTTTTTTGGGAGGCCAAGGCAGGTGTATCATGAGGTCAGGAAATCAA
ACCTTCTTGCTTAACACGGAAAAACCTTGTTTCCATTAAAAATACAAAAATTTACCCAGG
CGTGGGGGGGGG

Sequence 10471

CGGGCCCCCTCGAAATACTTCTAGNAATTAATTAACGCGGGCCTGCTGGTTCAAGAA
TGCCCTTGAGTTTGGCTTTGCCAGCCTGGGATGCTTCCCTCCCATCGATGGTGCCACCA
TGTCTTCTCCCTTGTGCCTATTGTAAAACAAAATGCAAGGATTCTCATGCATCCGCCAC
CACCTTCTCTTGCATATATTGTAAATTAATAATGATAGGACTCCAAGCAACATTGTGCA

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AAGGGTACCTAATCTTCTCCATGTACAACAAAACCTGGAAATCTGAATTCAAAGGTGAGTT
AGGATGGGGGTCTTCTCACTACAGCATAAAAAAAAAAGAAAGAANGAAAAGAAAAAAAAAA
AAAAAAAAAAAGGAAAAAAAAAAAAA

Sequence 10472

TGGGTACCGGGCCCCCCCCCTCGGGGTACTTCTAGNATTAATTAACGCGGGGCGGTGGTAC
AACTACCCACCCAAGCGGGATTTAGGATGCATATAGACATAACAGCCTATATTTCTGGGA
ACTACAGAAAAGATAAGAGATCAATTTTAAAGTGCACATTCTAGGTCATCTATAAAAACA
TGAAAACACTCCAGAAGCAGCAAAACAGTTTTCACCATGCATGAAACACACACACCTGAC
TCTAGTATCTACCTGTCCTTAATTCAATTTCCCCCAACCCACCACTAAGGTCTTCCTAC
CCCTTAGGGCCAGAAATAGCTGCTAGCCAGGGACCCACCTCCTGATCAGTCTATGGTT
TGTGGCCGGACAGGTGGGTTTGGCCTCATCTCTTTGGTGGGGGGCATCTGGACCTCTCA
TTCTGTCAACTGTCCCATGAACAGCACCTAGCTGTGGCTGCATACAAAACCTGTACATCT
CATCACAGGATCCATACTACTGGACTAACTATTGAAAAGTGACGTCATGTCATATCCTTC
TTCTCGAACCCTAAAAGGTTTGTGATTGTTACCTGAATCCGTTCT

Sequence 10473

AAGATTTCAGGGAAGACAGCGATCAGAAATGAAGAATTCGTCTTGAGAAATTACAGAGGAT
TTAAACCAGAATGTAAGGAATAGATATTCTAGCAAGATGAATGTGGAAGTGATAGTGTG
CATGTAATGAGTCTTGAAGCTGGAACTAGGTAACAGGCTCTCAAATAGTACATGTGAAA
ATCATGACAACTAAAGCAATGGCTGTGGGGCTGAACGGAAGTTCTCTACAAAAAACATC
TGAAACTTGAATG

Sequence 10474

CCCCCTCGAGAAGTCTTCTAGAATTAATTAACGCGGGTGGCCAACAAAGGCCATCTTAA
TAGAGAGGGGAGGAAGCCAGATCGAACTCCAAGAGTGAAGAGTGAAGTTGAGGAAGTGG
AGAGGGAATGCTGACTGCTCTTTTGGGAAGTATGGCTTCAGAAGGGAAGACTTGAAGACA
TAGGAGCAGAGATAATAATCCATAAAATAAAAACAGGCAGCCGGGTGCGGTGGCTCACGT
CTGTAATCCCAGCACTTTGGCAGGCCGAGGCGGTGGATCATGAGGTCAGGAGTTCGAGA
CCAGCCTGGCCAATATGGTAACACCCTGTCTCTACTAAAAATACAAAATTAGCTGGGCA
TGGTGGTGGCTGCCTGTAGGCCAGCTACTTGGGAGGCTGAGGCAGAAGAATCACTTAAA
CCCAGGAGGCAGAGGTTGCTGTGAGCTGAGATCGAGCCACTGTACTCCAGCCTGGGTGAC
AGAGTGAGATTCCATCTCAAAAAAAAAAAAAAAAAAGAATTTGAGACTAGCCTGGCCAACA
TAGTGAGACCCCATCTCTACTAAAAATACAAAAATAGCCGGGCGTC

Sequence 10475

CGGGCCCCCCCCCTCGGNAGTCTTCTAGNATTAATTAACGCGGGCCTTATTTAAAAGCATC
AAAAACTCTTTCAGAAAGTACTACTCAGCTCCTCAGCAAACCTTCCTTTCTATTACTCTCT
CATGAAGCCTGAATCTCTTCAACCCTTTCACAAGGCAGTTGCCATGGCAGTAATCAGAT
ATGACTCTCTAAGTCCAAAATTACAGCCTTTATTAAAGTGGTGGGTCTACGCGTAGAAA
GTCTTTTAACCCAGAGATAGCTGAGCTACTTCAAATCACCACAGAACAAAATACATAAG
TTGGACAGAGGAAAGTGTTGCAGAAATAATTCAAGAAAGAAGAACAAGAGTATTAAGCTA
CCCCATGAGTGATTTTATAATTTTTCAGAGTGGGGTTAGTGTTACTGTAAGAATACAAA
AAAAAGATGGTGAACGATTCTTTGGAATAATTCCATTGGAAGAATTATCTACATTTTGAG
AAACAAATGTTTTTGAAATTCAGCGTCAACTATTAAACTTAAATCTTAGGCCCTCTA
AATTTTAAAAATGTAACTATAAACGTTATAATATTTT

Sequence 10476

CGGGCCCCCCCCCTCGGGGATCTTCTAGNATTAATTAACGCGGGGTAGGGGCTGATGTCAC
CATGTCAGCAAGGGATTTGAACTTTAGAGAATTGAGTTTTCTACCAAGTCATGTAGAGC
AGGGATCCCTTCTAACGGAAGCCCATCCTCTCCCACTCTGCTCTCTTGCCTTTTGACACG
TGTGACATTTTATCTAAACAAATTTTGTGACCTTCCTGAACAAAACAGGTTGTTTTAGGA
TGGGCCAGTGTTTCTGGACACCTGTACTGTTCAACACTTGCACTGTCTAAGAACATACGC
TGATATTCATGTCATTTACCCATCCAGCCCCTGTTGGTGGGAAGCTGCTATGTGTGTACA
GAATGACTAAACCAGACTTTTTTATTTGACCCTGTTTGCTACAAACGTAATTGAATAATT
GGGGCCTGGCAGATCGGAAGCAATAGGAACAATATATTTCAATCCAGTACTCTGTGAGCA
GCAGCATTTACAGAGCCAGAAATAATTTAGCCTGTAGAGCTTATTAAGAAGTGCAATGT
TCGTTATGCGTAACCTCAGTTCTGTT

Sequence 10477

CGGGCCCCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGATTTGCCTGTGATCCAC
ACAACCATCCTATAAGGATATTACCTCATGTACTCATCACACAGTTTCAGTAAGTGTCAA
CTAGCGATCACTTTATAACCTCTACCTACCCCTCACCTTGCCTATCCCCAGTACCCTGG

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TTATTTTTCACACAAACCCAGATAGAACATCACTTCATCTGTCAATATACCTTATAATGT
TTGTTGGCTTCACCATGTCTGGAATTCTAAGTAAACAACTTGGTTCTGGACGAGGCACA
CAGTTGAACACCGTGCCTGTGGTCCAATGTGAGAACAACCGTTCTCATTCCACGGATGAG
CTGATCCCCCTTCAGGCTATAGGGGGCGCTGGAGCTAGAGAAGGAATGACAGCCAGGCATC
CTGCTGAGAAGGCGGCTGAGAGCGGTGCAGGGAGTGATCTCTGCGGCCCTGGCCCTCTG
CGGAGAAACCTGGAAAAAGGATGCCTGGTACGACTGTTTGAGGCCACCGCCCAGCCAGGC
TTTCCCAGTGGAACCTGTATCCAGACCTAAAACGTACACACA

Sequence 10478

CGGGCCCCCCCCCTCGGGGTACTTCTAGNATTAATTAACGCGGGATCAACACCATTAGAAA
ATAATTGTAGTGATGCCTCATAGTTATGTAGTAAGTTATAAATTAATTTCTCAGCCGGGC
ACGGTGGCTCAGGCCTGTAATCCCAGCATTTTAGGAGGCTGAGGTGGGTGGATCACCTGA
AGTCAGGAGTTTCGAGACCAGCCTGGCCAACATGCTGAAATCCAGTCTCTACTAAAAATAC
AAAAAAAATTAACCAGGTGTGGTGGTGCATGCCTGTAGTCCCAGCTACTTGAGAGGCTG
AGGCAGGAGAATTGCTTGAACCTGGGAGGCGGAGGTTGCAGTGAGCTGAGATCTGGTCAT
TGCACTCCAGGATGGGCAACAGAGTGAGACTTTGTCTCAAAAAAAAAATAAATAAATAAT
GTCTCATTTTATTCTCAGTGTTCTGTGAGTGAGCCAGGCCAGGGATTTATATATTTAG
TGTGGTGGTTGTGGTTATTCTATGGATACAGCCAATTTTGTATTTTGGCTTAAAAAATTT
ATGTTGGCCAGGCACAGTGGCTCACGCCTGTAATCCCGGCACGTTGGGAGGCTGAGGCGG
GTGGATCACCTGAGGTC

Sequence 10479

CCGGCCCCCCCCCTCGGAAGTCTTCTAGNATTAATTAACGCGGGNAATCACATCAGAGACG
CTTTCTAGGCTGCAGATGTAACATGCCCAAAAGAGGAGCTGCATCATAAGCCATTAAATT
TCAATACAGCGATCAGCAAGACTTAGGAAACGGACCTTTCCTCCATTCTGTGCCTATCC
AAGGCAACCATCAGGGCTTACCCTTTCTCACCACCAACAGACACTTCACACAAAGATT
TCTACGTGATGTTTTCCAATAGCTTTATTTCATAATAGTCAAACATGAAAACCTACCTGAAG
GAACATCAACTAGCAAATGGATAAACAAATTGTGGTACATCATCAAAGTGGTACACTACC
CAGCAATACAAAGCAGCAAATAACTGATACACACAGCAGAGATGAATCACAAAACCTACGC
TGAGTAAGCAAAGCCAGACACAAAAGACATCACACACTTTAGGAGGCTGAGGCAGGCAGA
TCACCTGAGATCAGGAGTTCTGTACCAGCCTGACCAATATGGTGAAACCCCTGTCACCACT
AAAAATACAAAAATTAGCCAGGCTTGGTGGCATGTGCCTGTAGTCCCAGCT

Sequence 10480

TTAATTAACGCGGGGGGTGTGAGACCCTTCTCATACAGGGCTCTGGAGGGAAAGGAATAA
ACAAGATAGACAACCTCTTTTGAGGCCATTTTCTGCCTAATCTGACTTTTAGACGGAAAGA
GAATCCATGTATTCTGACTAAACAGATGCCAATACATACTGGAATCCAGAAATCTAAAC
ATATCATATCTTATCTCAAAGGATAGAACACAAAGCAGCAAGAAAAAGTTCACTTAAGTA
TAAGAGTTTGCTTCACTTACTAGAAACAAAAGAACCCAGAGAAACTGTCTGAACTA
GGGATCCTGGTAGAAGAAATACT

Sequence 10481

GTACCGGGCCCCCCCCCTCGGGGATCTTCTAGNATTAATTAACGCGGGGACATCATTTAAT
TTTTTTAGGTTTTTTTTAATTGATTATTGATTGGTTCATTGTCAGGAACTGACTATTAGTA
ATCAAGGATACAAATTGTTAAGAGAATATGTTACAGAGAAAACTTGACAAGCTAGACTT
AGATTTTTGTCTGTTAAAGATAATTTGTGGGATATGATTTTTATAAGGAGTTGCATTAAAT
AGAATGTCTTACACAGATTTAAGAGGTTAATAATTATAAAATTAAGATGAGTTCTTATAA
AATATTCTTGAGGTATAATAAAATTATACCTGTGGAGTATATCTTTGAATAACATTTAAA
AGCAAATAATACTTTCCAGGTAATAATAATTATCAACATAACTTTTAAAAATAAATTCAT
AGTACTTCAGGTTATTTCTATGTTTGACACATTAACCTAAAAAAAAAAAAAAAA

Sequence 10482

CCGGCCCCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGTGCTACTGACCCCTCC
ATATGCTTGGTAATGCTCACTTGCCCTTACTCACTCACATTCTGCTGGGCAGCCTGGTTCC
TAATGGGGGGCTCGGGGACCCCTAATAAATGATCTCCTGATGACAAGGTTAATCTGAAAG
TGCCCATAGCTTATTGAAGATGAACATCTTACATTACGTGGTGATGGAATTCATGGACA
TGCACTGATATGGTATATGTCCTGCTCATCTAATCAAACATTAAGTGTACCTGCATATACC
ATTATTAACTCTATGTGGGTATTAACACTTTTTTCTGCTTACCACACAATAGGATAAGA
GATGCTGTGTTATTGTATAGAATATACTAATTCATACCCAGAGCCTCTTAGGATGTCTAA
AGACCGGTCCTGAACATCATCGATCCCCAGAATCATAACACCATATCTGCTTCATAATCTC
TATTCAGAAGGAATGTGACTCATGTGGATGTAGTTTAAAGAAGGGCTGCCTTGAAGGCAAGG
GTTCTAGGCATTTCATTCTAAACTACCACCAGGTCCTCATACAAAATTAAGCTCTCTGGT

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TAC

Sequence 10483

CGGGCCCCCCCCCTCGAAATACTTCTAGNATTAATTAACGCGGGATTCTCCCCATGTGTAT
TATTTCCCACTACCTGGAAGTTCCTGTAAAGTCTTGGTACTAGGACAAAAAGGCCTTTG
GTATATAAAATGTTTTGTTAAAAATAAGTTTCTTTCTTTTTTTAAAAAAGTTTAATGT
AGGCACTTTATGAAATGTACTTTTTTGGAAAGTCATATTGAAAATATATTAAGAATATAA
GGCTTGTTAATGTAACATGCCAGGGTGAACGCCAATTTTGTACTTTTCTCTGAATATAA
ACCTATTACCTATAGTTATTTAAGGAGATGGGTATATTTTATCTTTGTTTTGTCTGACT
GACCTCAAAGAGGTAGATAATGTACAACCTGACTTAATGTTATCCACTTATTAGAATAAAA
ATCGGTCATCCTTAAGCAAAAAAAAAAAAAA

Sequence 10484

CGGGCCCCCCCCCTCGAAAGTCTTCTAGNATTAATTAACGCGGGCCAGTGTGCCCAGATGC
CTCCACCTCATTGACGGGGATGCCTGCGGGAGAGAAGGAGGGAGAGTGCCATTGTACCAA
CTTGCTTGGGTAAATGAACCTCAGGAAAATGAGTTCTAGATTAGTAATAGCAATGAGGAT
GTCAATAAAATTTCTACCTGACCTCCCATTAAACCCTGGGAACGTGTTAACTTCAGTGTTAGC
TAGGGATTTCTTAGACATGCATGGGCTTAAAGTTGTTTCAAGAAATTCAGTTGCTTAGAA
TTCAGTGAGTTTTTTTTGGGAAGCTGGTACAATCTGAACAACCCTTTTTATTGCTTACTTT
GCGTTTTAAGGGTCTCAGTTAATGAAGTATCTCCTAGCACAGGGGATGAGAAGAGGGGAA
AGAAGGCAGGGCATCACCAATCCACTATTCCCTTTTACTAATCCTCACAGGAAAAGACCA
TCCTACAACATCCTCCAAGTCCAGCTGGCTATCTGTTCTGCCTCATTTCTTCTATGTTTT
ATTCCACCAACACGAACAGGCTTAGTTNTCCCCAGCCCTGAACAGAGCTCTGTC

Sequence 10485

CCCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGCGGATCATGAGGTCAGGAGTTTCG
AGCCTGACCACATGGTGAAATCTCGTCTCTACTAAACATACAAAAATTAGCCGGCCGTGG
TGGCACGCGCCTGTAATCCCAGCTACTCAGGAGGCTGAGGCAGGAGAATCGCTTGAACCC
GGGAGGCGGAGGTTGCAGTGAGCCGAGATCCTGCCACTGCACTCCAGCCTGGGCAAAAAA
GCAAGACTCCGTCTCAAAAAAAAAAAAAAAAAAAGAAATCTCTCTAAAGACTATCTGGAT
AGCGCTGGTGCTGCAGACTGCGCTGCCATCCTCCCTGCAGGAGTTCCCTCTGAGCTCCGT
GGGGAACAGTGTCTGGCCCCGAGTGCGCACCTGGAGCGCTGTGCTCTGCGGTAGGCAGCCT
GTGGTCCAGGGCCCCGTGAAGCCATGCCTTCGAAGCGCTGTGGGCATCGTGACCAACGGT
TTTGCTGTCTGAGAGCTTAAAGGTCTCTGGTCCACCATCATACGTACAGAACAGTCTATA
TTTCTTTTCAAAGTAATTTTTAAGGCCGAGCGCTGTGGCTCACGCCTGTAATCCCAGCA
CTTTG

Sequence 10486

CGGGCCCCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGTAGATCAAGTCACAGTGG
TTTTCTTTGGGAATTCAGTAGTTTTGTCTTTCAGGCAGGTTGGGAGGGAACCAAGCCTATT
TCTCTTACCACAATCATGGATGCCCTGTGGCCATTTCTCTCTTTGGATATAAACACCCCTT
TTGGGGGGCTTTGGAATCTGAAGCTCAGACACAAGACCACTCTTCCCCATTCCGTATATAT
GTGGTCTCAAGTGATACTAAATTATAGGGCATCTAAAGACAGAGCTGGACAATCCCTTA
CACCAAGCTGTGTGCCCTCCTCCTGCATCACATGATTTATTGTGATTTTGCCAGGTCTCT
TCAGCTGAGGAGGCCTGCCCTCCATGTATCACATGAGACTTTACAAACAGTCTGGGGATG
CTGTCTGTACCCGCATCCAGGAGTAGATCTCTGGGGGGGAAAAAAAAAAAAA

Sequence 10487

ACTTCTAGAATTAATTAGACGCGGGGNATTTCTTTTTCCAAGGGGAAAAGGACATAGGGA
AAGAGGAAATTTCTGTTTTGAATAGATTCTCCAGTTTCAATGGTTTAGATTAGAAGCATAC
CGAAAATGTAAATTGAGCCATTTGCTCTTTTGAATTTATTGCGGCTTAGGCCTCTGGGC
CTAGTGTAATACCTGATGTTCTAAAGATTTGAATGAAGAATTAATGAATACGTAGTTTC
TTGGGGTTGATGGGGAGTACGTAAGCAGGGACTTACTATTCTACCTGCTGATTTAATGTC
CATGAAAATAATCATACACTAAAATGTTAATAATACATACACACAAACGGACTAGTGTAC
ATGGTGACATTTTAAACTCTTTCACCAAAATATTTATTGATTAACATCTGTTCAGGGCCA
GATGAGGTGGTTCATGCCTGTAATACCAGCACTTTGGGCAGATCACTTGAATCCAAGAGT
TCGAGACCAGCCTGGCCAACATGGTGAAACCCAGTCTCTACTAAAAATATGAAAAATTAG
CCAGGCATGGTGGCGTGTGCTGTCTTCCAGCTACTCAGGAGGCTG

Sequence 10488

CGGGCCCCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGCATCTAAAATACAGCAAA
ATTTTTTCCATTGCAGTTTTTAAACAGGCCAAATTCAGGGGAACGGCAGTTGGGAAATTTCT
AGATGTAGTCAGCTGGAAGCATTGAATAAAAGGCTAATATCAGGATCAAGTTGTGCTTGT

Table 8
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CCAGGCAATGTTGGGCCACATTCCAGGTCAGCTAAATTTGAAAGAGAACTAGGAATGAG
AAGAAGGGAGGAAAGTTGTGTCCTTACTGGAACCTCCAGGGACAGAAATAACAGAGTTCTG
GTAACATCAGTGTGTGTAGAGATAGGAGGGCCACACACACAGAGCTCTTCTTTCTCAG
GGATGGTGGTCTGGCTGTATGGTGTATCCTGGTCTATGGAACAGGAACTATTTTGTAAATG
ATGCTTACCTGGGTACATTTAAACAGCAATGCATATTCTTGTGTGACATTTTGTGTTGA
ACAACCTAAGACAGAATTTTCAGGATTGTCTCACAGAACCTAAAGATAGAACGTAATTAA
ATGAAACCAATCTTCAGTTCATTGACTGAGCTTGGTCTTCTCTGCGCAAACAGCCTCTGC
CTG

Sequence 10489

GCCCCCCTCGGGGTACTTCTAGNATTAATTAACGCGGGGNAACAAAACCTCTTTCTAAA
TCATGAAGAGTAATGCTGAGCCACCATGCCTGGCTGAGAAGAGTTTTAAATGTTTTGTTT
TGTTGCTGTTTTAGCAGGTAAACATTTAATTTTCAGCTTCACCTGGCGGGTGTTTTTCT
ATGAGGTATGATCAAGGTATAAGTGAGAACGCAGTTTTGGGCTTGTGTCCCCTGTCTCA
CATGGCCCAGGAAAAAAAAAAAAAA

Sequence 10490

CGGGCCCCCCTCGGGGTACTTCTAGAATTAATTAACGCGGGGGACTACTTAGTTTTAT
TCTGTTTTGATCTCACAAAAGTAGCCACTGCAAACCCTATGTGCAGAAAGTAGAAAAC
TGTTCTTCAACATTTAGATGCATGATGACCAGCAGTTACTTCTTTGGTGTCTGCTAAAT
CAGTTTGATACATGAACCACAATTTCTTACCCTTAATATTTCCCTTTGCGAAGTTGGATTT
ATTCTTAGCCATAAAGTGACATAGAGGCAATATTGCTTATGTCCCAGAAACCATGCTATT
TACACAATTGAACTAACTCAAATTAGGAATTTCTCGGTTTCTTATAAGCAAAGATAAAG
GTGTGAGCTCAAGTAATGGATGAATCTGGGAGTAAATCTGGTTTCATGGGGAGTCTATC
CAGAAGTGAAATGTTATCTTTGGGACCCGGTTTCTCCCTTCAACTCCAGTTTCTAATC
TCTACTTCCATCTGAGCTGGCTCCATTCTCAAGCTCCATGTGTGGTCAGATGGTTACCAG
AACCTCCNAGTTTATATCCTC

Sequence 10491

CCCCCCTCGAGAAGTCTTCTAGAATTAATTAACGCGGGGCCATGAGCAGGTGAAAATGAA
GGCTCTGATATTGTGTGGTGGTGTACAGGATGGTGGGGGCGGGGCAGAAAGTCTCCTGTT
GGTGTCTGATGCCTGTTTCAGCTTTGTCTCAGGAAGGTTTGGTCATCTTGGTTCTGCCA
TCCTCTTGCTTCTACGGCAGCAGCTGTTTCATGGCACTGAAGATGTCCCTTCACTGTCC
CAAACTGGCACTAGAAGTGGCTGGGCAGGGGGACCAGAGTCATAGGAAGGGTCTTGGAG
TCATCAGATCTGGGTTCCAGGCATGGTGTGCCTTTTCTTGGCAGGATTGATCTTGAGCAA
GCCAATGAACCTCTGCATCAGTTTCTTATGTGTGAAGTTAGAGTGCTTGGCTGTGCCAC
CTGTAATTCAGCACTTTGGGAGGTGAGGTAGGCAGATCACCGAGCCCAAGAGTTCAAG
ACAATCCTGGCCAACGGCGAAACTCTGTCTCTACAAAAAATATACAGGCGTGTTAGCATG
TGCCCTGTATCC

Sequence 10492

CGGGCCCCCCTCGAGAGTACTTCTAGAATTAATTAACGCGGGACTGCAGAAACAACAAA
GAAGACAGGCAAAGATCTTTGTCTTTATGTTTTTTAATCATTGTGCAGTGAACCATGTA
GATATTGAC

Sequence 10493

GGCCCCCCTGGGGNGTACTTCTAGNATTAAGGAACGCGGGAAGTTGGCGAATACTGTGA
GTCGTCTTGGCCCGCAGAGCCCTGACGCATAGAGAAATGCATGTGGTATGAGGGACAGCC
ACCCACCAGCAGCCTCGGGTGTGGGAAAATATTCTTCAACTAAGGGAAGGCAGCCCCAAA
CTCTGAAAATTTGATCTTCTTTTGCCAAAGAGCCAGCAACAAGATTCTGGGTTCCATCAC
TGTTATTATAACTGTAGGGGGAAAATAATGACTTAATTGTAAACCAATGACCTCACCCCTA
ATAACCATGTTCTAATCATTTCTAAAGAAAGCTGCCTTCTTCATTCTGCCAACTTTCAA
ATGAAACAGATGACATTGGAAGATGATTATATTATTAGCAATTATTCCATGAAAACAGT
GAGAATTTGAATTTACCCTACACTTAACCCAGACAACATAAACTGCAGTGCAACCTCGGG
CCAAGTGTTGATCAACACTGTGTGGGGACAATGTTTAGACCTAGGCTTTGAGCATTTGAG
TGTTTCTTTCCCAAGTGAGGCACTGGTTTCAGGAAAAAAAAAAAAAAAAAGCGGCCG

Sequence 10494

CCGGCCCCCCTCGAAATACTTCTAGAATTAATTAACGCGGGTGTGGTGGTGCACAACC
TGTAATCCCAGCTACTCAGGAGGCTGAGGCACGAGAATCACTTGAATGGGGAGGCAGAGG
TTGCAGTGAGCCAAGATCATGCCACTGCACTGCAGCGTGGGTGACAGAACAAAGACTCTAT
CTCAAAACAAAAACAAACAAAAAATTATATAACATTTCTAAATGCTCCTCTCAATTC
TGTACATTGCATTACAAATCAGTTCATCAATCACCTCTGAGTGCACCTTATCTCCCTTC

Table 8
42/1983

TTCCTGAAAGCTGGCTCTTCCTTCAGGCAGGAGCATCTGAACAGGGAGAAGTATAGGAAC
AAAACAGGCTCCATTTCCAGGAAACAACACCATGGAGGGGATGTAGTCAGATTTTTGTTA
TGATCAGCTATATGAGGAGACAATAAATTAAAGGGAAAAATAATAATTTTCAAGATGATGG
GTTAATGTTGTTTAAATTATAAAGGGCAGAAAAATTAATATATTGGCATCAAGTTTAAACA
TTACTCGGAGGTCCATGAAGATATTTCTTGAGTNTTGTCCATTGAGGCAACGTATTATA
CCT

Sequence 10495

GGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGCAATATAGAAAAATTTTAA
GATTTGACAATGACAATGTAAGCTTTAGACAGGATAGACCTAAGTCATAAAAGTCTTAGA
GTCTGAGCCACGGAATTCCTTTATTTGAAAAAGCATCTGCCAGCAATTATGACCAAATTG
GTTAAAGCTGCTAAATGGCAACTATTATGTAAGGTCAAAGCACTTGCCGGTTCATTGAC
TGCTTAGACATCACAGTGTGCAATAAAATGCTTTTTTCTTAAGTGTCAATTCCTCTAAT
TTGATTGAAATAGAGAAGTAATTTTACTGGAACAGAATTTTG

Sequence 10496

CCCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGCAATTATCAATGAAACATGAATC
TCTGGTATTTGGCTACAGTTACTGAAATATTTATAAAACAACCTAATTTATTGACATTTT
ATTCCATTTATCTTATTTCCAAGGTTATTGTGAGAAAATGTGCTGTAGTTTATACTATCAA
AAATTTGGCATAATGAAAAATTCCTGGTCTTTGTGAATAGTACTTTTATTTAATTGTA
TTGTGGAACATCCTTTTAAATAATCCACTCTAGACTCTTGCCAAGAAGCATATTAAATT
CAACAGTATATAGTTTATATTGAACCTTTAGTTAAGCTTATGGTGT

Sequence 10497

GGGCCCCCCTCGGGAGTCTTCTAGAATTAATTAACGCGGGGACTTTTAAACATGAT
CAATTTTGCTGCTGTCATTCAATTTCCCTTTAATGAAGTGAAATTTACCCCAAATTATGAT
TCTCTTCTTTCTCCCTCTTTCTACTTCTGTTTTATGGGAGAAGCCAGCTTTTAAACTCTG
TAGTTGGAATCCCTACCCCTACCCCGCCTAAATTTATCTGGCATTATNTCTCTCCTATN
TGCCCTTATTCTGA

Sequence 10498

CCGGGCCCCCCTCGGAAGTCTTCTAGNATTAATTAACGCGGGGACTCAGCCCGGGTTCTA
TTGTCTGCTTAGGCCTGATGCTCAACACTGCCAGGGATGAACAGCACCGTGGGTGACATT
GTAAAGCAGCAAGGCTTTCTCAGCCCTGATATAAACTTCACTTCTGACCTGCTCGGGAAA
GGGTATGATATGCACCTAAAGAAAAACATCTTCTCAAAGATAACCTGAATTAGGCCA
CGATGCCTGAGGCATCACGCACTGTAGATCTCCAACCTCTATTGGGGAGGACTGAGGCGA
GCCACATCACTCTGACGTGAGGAGTTCGAGACTAGCCTGGCCAACATGGGGAAACCCCGT
CTGTACTAAAAATACAAAAATAAGCCTGGCGTGATGACGCATGCCATAGCTCCATCTAC
TCAGGAGGCTGACGCAGGAGAATCGCTCGAACCTGGGAGGTGGAGGTGCAGTGAGCTGA
GATCACGCCACTGCACTCCAGCCTGGGAGACAGAGCGAGACTCCGACTCAAAAAAAAAA
AAAACAGCGGCCACACCGAGGGGGAAGTGAATTCGC

Sequence 10499

CCGGGCCCCCCTCGAAATACTTCTAGAATTAATTAACGCGGGGATGTATCATTGTGTAT
TGGTAGGAATAAGGACCAAGGTTAATAAATAAAATATGATGGGGAAATGTGAAGTCCCTAA
ATTTACTTAAATATGAATCCATAAATTTTATTACAAATACAAATCCCTAAATAAAAAAT
CAGTTAGGAAAAATACAAAATGGTAAAGACCTGATTTGGTAGTATTTTCTAAAAACAAAG
TTTTCATAGTGATAAGTTCAATGTGTATCAGTAGAGTGATATGACTACTTTAAAAAAGA
TGCAAAAAACAGGTGCATTAGTAGAAGTAAATGTACAGATGGTGAAAATTATGATATTTT
GTACTTCATTTTTGTCAATCTGGGTATAGAGGAGTGTTCCTCTGAAGTTTTAAAAAGGC
ACTGACCACAAAAGTGAAGAAATGAGAATAGGTGACATTATGGAGAGGGTTGTAGGAA
TCAAGACATACAAGGAATGATTGAATAAACCATATGTTTAACTAGAGAAGAAAGAAAAA
ATGAAAAAAGGTAAGAGGAATAGGCAAGCTCCTTAAATTTTGAAAGGGCTCTGACAC

Sequence 10500

CTGGGGTACCGGGCCCCCCCCCTCGGAATACTTCTAGNATTAATTAACGCGGGGGTTCGG
GGCGGCAGCTAAATGGCATGGAGTTTCTTTCTGGGTAATAAAATGTTCTAAACTGGTGG
TAGCTTTACAATTCTATAAACATATCAAAAACCACTGAATAGTATACTTTGAATGGATAA
AAGGTGTGGTATGTGAATTACATCTTAATAAAGAAGTAACAAAATGGTCACTTACATTTT
TGGTTACACTTTACTACATTTATCAGGAAAATTGTATGCCATTTTGGTCTTCACAAAGGC
CTTGAAGTTTATCCCTCCAAACAGAACTCTTTCTTTAAAGGAGACAAAGATAAGGAAGG
TAGGAAAAAGGGAACCTTCATAACTGAATGGCTACCATTATCTAACATATATAATTT
TACTTATTCATTCTTATATTTTTTTGTTTGTGTTTCTGAGACAGGGCCTTGCTCTGT

Table 8
43/1983

CGCCCAGGTTGGAGTGCAGTGGCCTGNGCGACAGAGCGAGACTCCGTCTCAAATAAAAAA
AAAAAAA

Sequence 10501

CGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAAGTGAAAATTTAGTGATCTAGTAAA
GCCTAAATCTAGCAATTCAGCCTAATCTTACTAACTGAATACATTTTCATAGAGCATTG
TACATTTTAATGATGCAGTTGGCTCTGAAGTGTTCCATGAAAAGGTGGCTATTTTGCTC
TAAACTATTAGTAAACAGCAGTCAATTACAAATGGCTCTAGGAAAAGAACAAATTACAC
AAAGGAAAAGGCAAAAGCAAGGGCACAAACAAGGTTGCTCGTCTGAAGGATACAACT
AAAGGAACACGTGGTCTTTGGCCAGTGAGCAAATAAGGGTCTAATTTTATTGTATTCTCT
AACACCT

Sequence 10502

CCGGGCCCCCCTCGGAATACTTCTAGAATTAATTAACGCGGGGTTTTTGTGGTGGAAT
TATGATGACTTTGCAAAATTTTCTTCACTTTCTACATTTTCTAAAATGGATATGTATTAC
TCCTTAAAGATGACATGTAGGTTTTATCTTATATACCAGCTCTGATCCATTGTGAGTAGC
TGCTAAGAGGCAATGTTGTAAAGGTTCTGAGACAACTGGGTTAGCAGGAAAGAGTATAA
TTGAATCTAATTGTCTATGATAGGTGGCTTGGAGAGGTGAAATCCACAAGTCAAGATCTTC
TTATTTTAGAAAATGAAGTTGGACAATAATTCATTTAAATGGTGTAAATGTAGCTTT

Sequence 10503

CCCCCCTTCGAAATACTTTCTAAAATTAATTAACGCGGGGAGTAGGGTTGGTAAACTAA
CTGTAGGGTACTATGCTCACTGCCGGGTGATGGGAAGATTTGTATCTCAAACCTTGGCT
TCATGCAATATACCCATGTAACAAACCTCCACTTGTAAACCCCTGAATCTAAAATAAAAGT
TGAAATTATATTAAGAGGAGGATATCAGAGTTATAAAATGATTACTGGTTTCTGGTTTGC
CTAATTCCTGACCTCCTTTATTTCAGAGACATTTGCATCAATCTTTTCATCTGTAGCAGAT
TTAAAGGGGTGAGAGCTGAGATTCCCAAACAGATACCTACAGGGGAGGTA

Sequence 10504

CCCCCCTCGGNAGTCTTCTAGAATTAATTAACGCGGGGCTCACTTACTGTGGGGATGGA
GTCCCCACGGCCCTCTCCTCTGGAGCTTTGTGGCAAACCTACCCCATGGGCTGGGAGAG
AGGAATGAGAATCTCAGTGGGGCTGGGTTTGGTGGCTCACATTTGTAATCCAGCACTT
TGAGAGGCTGAGGTGGGTGGATCACCTGAGGTCAGGAGTTCGATACCAGCCTGGCCAACA
TGGTGAAACTGTGTCTTTGCAAAAAAAAAAAAAAAAAA

Sequence 10505

TCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTAAACAATAATTTTAAATCTGGGGTTGC
TAAACCTGCAAATGTGAAACCCAGGAATTTGGAGGCCCACTGTACTTTTACCTTATTA
TGTAGGCTTTGCTAATTTTAATGACTAAAAGGTTATTTTATTTCTTCTAAAATTTCAACA
ACAGTTGACCCTCAGGGTCAAAGTTTCCGGCCCTAAATTAATAAAATGCTTTTTATTAG
GACAGGAAACCACTTAACCTTTTTTTTATTCACCCTACTTTAAAAGTAGGAATTCCTT
CAACAAAATTTTCGCACATGCCATATCCAATTTCCAATGACTAAAGCAATAACAACAGTA
TTGATAATAATGAACACATTTTTTCTACTTACTGGGTGCCAAACACTGTCCTAAGTATAT
TGAGTAGTACTGACTGGAAATAAACACTGTTCTCTAAACT

Sequence 10506

CGGGCCCCCCTCGGGGTACTTCTAGNATTAATTAACGCGGGGGCTGGGTGTCTAAAC
TTAAAAAAAAATAAAAAACAAAACAGTTAAATAACTTGTCAATCCAACAGTCAAAGAAT
CCGTATTGGAAAGATATGACATACTTTGTATCTAACGGGATGTAAAACCAAATCTCCAT
ACTAAAACATGTTTCAGGCTGGGCGCGGTGGCTCATGCCTGTAATCCAGCACTTTGGG
AGGCCGAGGCGGGCAGATCACAAGGTCAGGAGATTGGGACCATCCTGGCTAACATGGTGA
AACCCCATCTCTACTAAAAATACAAAAAATCAGCCAGGCGTGGTGGCGGGCGCCTGTAAT
CCCAGCTACTCGGGAGGCTGAGGCAGGAGAATGGCGGGAACCCAGGAGGCGGAGCTTGCA
GTGAGCCGAGATCACGCCACTGCACTCCAGCCTGGGTGACAGAGCGAGACTCTGTCTCAA
AAAAAAAAAAAAA

Sequence 10507

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAAGTTCGGGCATATGTTATACCACAGC
CCCCGTGGTATAAGAAATAAGAAATGCAGTGGAAGTGATAAACACAGAAGATGAAAGAG
TTATACATGGCACTTTTGGCCACCTAGGGTTAGGGTCAGAGTTGAAAGTTATGAAGAAA
TCATCCAATCAAATCCCTTCACTAATGCTGGCCAGACACAGTGGCTCACGCCTGTAATCC
CAGCACTTTGGGAGGCTGAGGCAGATGGATCACCTTAGGTCAGGAGTTTGAGACCAGCCT
GGCCAACATGGCAAAATCCTGTCTACTAAAAATACAAAAATAGCCAGGCATGGTGGCT
GGCGCCTGTAATCCAGCTACTTGGAAGGCTGAGGCAGGAGAATCACTTGAACCTGGGAG

Table 8
44/1983

GCAGAGGTTGCAGTGAGCTGAGATTTTCATGCCATTGCACTCCAGCTTGGGCAAGACTCTG
TCTCAAAAAAAAAAAAAA

Sequence 10508

CCCCCCTCGGGGTACTTCTAGAATTAATTAACGCGGGGATAGGTCTAACAAAAAACAAAG
CCATTCATCTCTGCAGAAAATCATGCATCTGCTTTGCCACCAATTTAGCACACTAATTGA
CATTATACAACAATATGACCATATATAAACCTTTAGTACTAATTCATTATTTACTTAC
AATTTAATTTGTTTAAATAATCACTTTAGCAAAGCAGATCTAATTCCTTAAAGTATCTAC
AGTCTAAAATTCATTAAAGTATTAACTCATTGTATCTTCAGAAATGTTCAATGCCAGCA
TTTTTATTGTCCGATTGGCTTTTGGCACTTATCTGTTACAATAACAATTTTAGGGTGG
GGGGAGCATTTTCTAATTGGATAAAAAATACATCCATTTGAACTGGACTGGNNAATCTATC
TTAATAATANGGGGAG

Sequence 10509

GGCCCCCCTCGGAAGTCTTCTAGNATTAATTAACGCGGGGCATGAATTCATGAATTTCT
GGATATTTCTTCAAATAGAGTATCATGTAGCTGGCAGTGGATTGGGCTGACCTTAATCCA
GGTCTTTTTCTTCTTACCTTTTCAAATGACATTCTGTCACCTCATTCTATATTTATATAT
ATACATTTCTCTATATGTGAAATTCTAGGCTCATATATCTATATATAGATATAAATCCAG
ACTTGTGTTGGATTTTCTTAGTATCCAACAAGGCTAATATCTTACTTTTCAAGATTGGGGA
ATGCCTTTAAGGATTCTATACCTTATTTCTATTTTCTAGTTGTGACAGGGTGCAAGAATT
CCTTAATATAGGAGAGACATGCGGGGCATTATGGGAACCTTGCTTTGGGGGACTACTTTG
AATATCCCAAACCTTTGGGTTTTTCTTCTACTGCCTAACTTTACTGTGCCTGCTGGGATG
TCAAAGTAGAGGATCAGGACTTCAGTTCCAGGGTTACACCAAGGCAACCAGTAGTATCA
GAATGGAATTACTACAGTAGTGAGATCCATGTNTGCATTTGTGATA

Sequence 10510

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGAGAGGTTCAAAGGGTGC
TGGTGGCCATGTCTAAGTACTGAGAATGCCTGGCTGCCGTTGGCACCATCATCAACTGG
GGTCAGGCAGGGGTGGCAGGAAGGCCTGGGGGCCCTTTCTTGGGGAAGGGCACGCATCCC
CTGTCATAAAACCTCCCATGGCTCCCAAGAGTACATGGAATAAAATCCTCAACTCCAAAA
AAAAAAAAAAAA

Sequence 10511

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGNACCCCTTNGAACTTAC
TATTTTTAAGTTTTTTCTTTTGTGTCTGCTTAGGAAGGCAGAGAGAATCACTGGCTAGTCA
TGATGCTTAAATTCATTGGGATTTCTGGAAGCTTAGCTTTGGTATCATTTGATAATCAC
AAAGAGCATTTAGAATGAAAAGATATAGGCCAGGCATAGTGGCTCACACCTGTAAACCCA
ACACCTTGGGAGGCCGAGGGAGGATTGCTTGAGCCCCGAGTTTGAGACCAGCCTGGGCA
ACAAAGTGAAGTGAGACCCTGTCTCTGAAAAAAAAAAAAAAAAA

Sequence 10512

CGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGGGAATAGGATTAGGTAA
GGATTCTCAAAGATCTTGGAATACCATTCCCAGCTTGGTCATAGTTTTGATTATAATCTA
ATGACTATGTCTAATGTAGGAAATATAGATCTATTTTTTGAAGTGAAGATGTCACCTTTC
CTGGGTGTGCTTTATACAGATTATGGCATATTGAGGTTTCAGTTAGAAAAATATATGGGA
CTTAACCCCTTCAAATTGATGGGAAGGAATTATGTCATTGTAGGCTTTTGTGTTTTGCAGT
CATTGTACAAAGCACTGGAATTGGGGAATAGCAGGGTGTTCACCAACATTAGAAGCA
GTGTTGCTTTTCATTTTCTTTTACTGATTAGCACTAAGTAGACATTAACCTATATGAAT
TTTTCAAAAACAGCATTTAGGGTCCACATTTATTTTAATTCTGATCTTCTCTAATCTAAT
TGGTGAAACTTATGGCGAAAAATATGCATAGTTACTTTTGACATAGATTTGTTTAAAGCAT
GAAAGCTAGGAATTGATTAANACCAATACATAATATTTAGTTTT

Sequence 10513

CTTCTAGAATTAATTAACGCGGGGTGGTAAACTCTTCAAGTTCAAAGAAATGAGGTTCC
GAATTTAGAGTTCGGGAATATCATAATCACCACAGTAATGCCACTGGTGAAAGGGTCAA
GCCGGGCACGGTGGTTCACGCCTGTAATCCCAACACTTTGGGAGGCCAAGGCGGGTGGAT
CATCTGAGGTGAGGATTTGAGACCAGCCTGGCCAACATGACGAAACCTGTCTCTACTA
AAAATACAAAATAAGCCGGGCATGGTGGTGCCTGTAATCCCAGGTACTCAGGAGGC
TGAGGCAGAGGAACCACTGAACCCAGGAGGTGGAGGTTGAGTGTGCTGAGATCCATTG
CACTCCAGCCTGGGCGACAAGAGCAAAGACCTGAGCAAACAGCTGAGACCCTGCACTCC
AGCCTGNCGCACAAGAGCAAACTCCACCTCAAAAAAAAAAAAAA

Sequence 10514

CTGGGTTACCGGGCCCCCCTCGNNGGTACTTCTAGNATTAATTAACGCGGGGGGCAGA

Table 8
45/1983

GGAATCGGGATTCTTCTTTTGGGGCAAATTAATTTTCCTTTCTCTCTTTTAAAGTGAGA
TCATGATTCTCTGAAATGTATTTTCTTCTTTGTGAAGTGTCTCGGGTTTGTGTTATCA
TCTGGGCAATGTAACGGCCTCTTCCCAAGTGTTCCTGTAAACGTTGCGCAAGTGTAAAGAG
AAGATCCATTGCTCTGCTCTTTGGGGGCTCGAGTTTCCAGTTAAAGCATTTTCAGCGCTTG
TTTTTTTGTACCAATTTTTTCAACTCTAACGACCTTCCTGAGACACTACAAACAAACCAA
CAAACCTCTTGTCTAGAAGCCGCTCCATTAACCTCAAAGGTTTATGGACAGAAAATAAACA
ATTCTAAATTCCCC

Sequence 10515

GGCAAATGGAGCATTGTGACTATCCCAAGGCGGAAAAGGCAATGTGCAGATGGAAGCGGTT
ATTGACACATTATAGGGATAATAACTAATTTTTTTTTTAGGANCNACNANGNTTTATACGA
TGGACTGGGCATTTTATATATGCTGTCTCAGTTTATCCTGGCAAGAGCCATGTGAAGTGG

Sequence 10516

CGGGCCCCCCTCGAAAGTCTTCTAGNATTAATTAACNGCGGGAAGGTAGACAGAAGCCA
GGTCATGCTCAGCCCTGAAGGCCAGGCTCAGGCAGAACTTACTAGAGGTTTCAGAGTGATG
GGTCTAGAAAGAGGCTGACCTGGGCTGGGCACGGTGTCCACGCCTGTAATCCTAGCAC
TTTGGGAGGCCAAGGCGGGTGGATCACGAGGTCAGGAGATCCAGACGATCCTGGCTAAACA
CGGTGAAACCCCGTCTCTACTAAAAAAAATACGAAAAATTAGCCGGGTGTGGTGGCGG
CGCCTGTAGTCTAGCTGCTCAGGAGGCTGAGGCAGGAGAATGGCGTGAACCTGGGAGGC
GGAGCTTGAGTGAGCCGAGATCATGCCACTGCACTCCAGCCTGGGCGACAGAGCGGAGAC
TCTGTCACAAAAAAA

Sequence 10517

CGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGACAGATGTGGAAACCGA
GGCCTAGAGAGGGTCAGGGACTTGCTGAGGTGACCCCGGCGGCTCTGGGCATTTTGAG
GTTTATTCTCGCATAGCTCCCTCACCTCATCAGCTTGTGGGGAGCCGATCAGAGATAGCT
GTGGTCCCCTGGGCAGCTTCCCTGTTGGCCTGTCTTAGAATTTTGCTATATTTGGGGGGTG
TGAAGAGTGGATATAGATGTGTTAAACTGTTTAAAGTGGAGAAGGAGGACCGGGCCTGG
TGGTTCATGACTGTGGTCCCAACGCTTTGGGAGGCTGAGGCAGGAGGATAGCTTGAGCCT
GGGAGGTTGAGGCTGCAGTGATTGCACCACTGCACTCCAGCCTGGGCGACAAGAGTGAAA
CCCTGTCTTGAAAAAAAAGTGGGGCCGGGCATGGTGGCTCACACCTATAATCCCA
GAACTTTGGAGGCTGAGGTGGGTAGATCACTTGAGATCAAGAGTTCGAGACCAGCGTGGC
CAACATGGTAAAACCCCGTCTCTACTAAAAATATGAAAC

Sequence 10518

CGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGTAGCAATCTAACCCTATAT
AGCGCCTAAATTGTGATCTGCAAACATTTCCCACTAAAAGTAACCAAAGCTGCTTCTTCA
AGAAATTAGTTAATCCAAGTCTGTGGCATAAGATGTACAAAACAGGGCTAGATTAAAAAA
AAAAACAAAATATTAGGGTCTCATCAAATGACAAGATGACAGGGCTCCAACCAAGCTCA
AGTGCAGTGGTTACACCTGTAAATGCCAGCATTTTGGGAGGCTGATTACAGGTTACACCC
TGTAATCCCAGACTTTTGGGAGGCTGAGGACTGCTTGAGGCCAGGAGTTTGAGACCAGCC
TGGGCAACAAAGAGAGACTCTGTCTCTACCAAAAAAAAAAAAA

Sequence 10519

TAATTACCGCGGGTGGTGGGGAAAAAATTTTGCAGAAGTCTCAAGCTATAAGTAAACAA
ATGGGCAAAATCAATGACCAGATAGACTTTTGGGAAGGGCCTTTTATAACTGCCAACTTT
GAGTTTACCTTTTTCTTCCCTGAAAGATCATGCAGTAAATGTTGACTTTGCCCAGTCCCA
ATAAAATGAAATGTTGCTGCTCTAAAGGGCCCTTTATGCCACACCTTTAAATCACAGC
GCCAAGAATAAACATGGCCCATCCTTCCAAGTCATGTGTTTTATCCTAAGACTGGGAAG
AGGACCAAAAAAAGCGCCCGCCACCGGGGGGAGCTCCAA

Sequence 10520

CCCCCTCGAGGTACTTCTAGNAATTAATTAACGCGGGCCCTACCTTTTAAAAAATACAT
AGNAAAAATTAAGGACAGTTACTCCGAGAAAAGAAAAAGTAAAGTTGTTACATGTTGC
TGAAAGCTTTGGATGAACTAGCACAGTAAATAAGTGGCAATGTGCTTCCTTAGCCCAACT
GAGAGGTGTTGCGCCAGGGACCCTGCACCCTAAGGAAGAGGCTAAGGTTACACAGAGGTGG
CTGCAGCTTTTACTCCATTGCTTGTTAAAGAGCCTGGTAGAGCAGTGCTGGCCTCAAGAT
GGGCCACAGCAGGTGAATGACACCCCTCTGGAGGTCACACTTGATGGACTTGATGGAGAT
CAACAATGATGGTGCCAGGCATGGTGGCTCAGTCTATAATCCCAACACTTTGGGAGGC
TAAGACAGGTGGATCACTTGAGGTGAGGAGTTCCAGACTAGCCTAGCCAACATGGTGAAA
CCCCGTCTCTACTAAACTGCAAAAAATTAGCTGAGTGTGGTGGTGTGCCTGTAATCT

Table 8
46/1983

CAGCTACTCGGGAGGCTGAGGCGAGAAAAATCTCTTGAACCCAGGAGGTGGAGGTTTCAG
TGAGCT

Sequence 10521

CCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGAGGAATGAATAGCAGAGAATACC
AAAGCCAGTCCCTATGTACAGGTTTTAAACAAGTGACAGGAAAATATTGGTTTGTCTGGA
GGTGCTAGCTTGAGTGTGTTGAGTTCGAAGGGGACAAATTGTGAGAAATGCCCGGTGGCT
GCCCTAAGGTAAATTGTGGCAGCTCTCTTACTGCTCAGTCAGCTTATAAACAGACTGCTT
AATAACTCTAAACACATAATTGGAGTTTGTCAATTGCCCTGATCTGATTACTATACACTA
TATATGTCAAACCTAGGTACCCCATGTATGTACAGTTATTATGCGTCAATTAAAAAATAA
AAATTTAAAAACTTCNNNNNNAAAAAANAAAAA

Sequence 10522

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGTGTATGTGTGCATAAGAA
TCACAATCAAACCTAGCGCCCTAAATCCACTTTAGTCCAGATCCTGACTGATAAATTTAGG
ATCCATTTTCTTAAATCTGTCTTGCTGGAAGGAAATAGAGCCTTCTGATTGAAATTGC
AAAAGCACGGAAGTATCTGTCCTTAATCACCAGTACGACAGGTTGTTTTTCTTTAAT
ATTTGATGTAACATAATCAAACCACAAAGACCAACAATATAGCAAACTGGAAGACTGTT
TCTTTGGGTTAATAGTGTCTTCTAGTGTATTGTGAGTTTAAACATTTCTTTTTCATTATT
CAACTGTGTTGTGTATGTACTGTATGCATATATAATATAAAGGAGAGGAATTTCCAAGGA
TATTTCTGAGGCTATTAATGTGACAAGTACATTAAAGACAAAGCAGGTAAAGCTCTTTTA
CTCTAGTTTATAAGGAAATTGTTGCTCTGTTCCATGGTTTAAAAAATCACATCCGGCCA
GGCGTGGTGGCTCATACCTGTAACCCAGCACTTTGGGAGACCGAGGCAGGTGGAGCACC
TGAGGTCAGGAGTTCACGACCAGCCTACGCAACAT

Sequence 10523

CGGGCCCCCCTCGGAATCTTCTGAATTAATAACGCGGTAGAGATTTCTACAGCAGAATC
CTGTGCGGGTCACCATGGAAGCCACCTNCCAGNCTGGTNACCTAGTTGCCATTGGAAAT
AATAAATTTGATAAGGTGGTGAANNAAAAAANAAAAAAGGAAAA
AAAAA

Sequence 10524

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGTCTAACTGTAACTTCA
AAGATATCCACTCCTGGTACCTTTGTGATTGTGGGTTAGCCCAGGAAATCCCCAAATGTA
CATACTTACTGGTCTACTGAAGCTGAGAATATATTTGCTTTATCTTTAGCCCTATTATGA
GTACTCCCATTTTAAATGGCTTTTAGTCCATAAGCATATTGTCAGTCACTTTCTTTCACAC
TTCTATAATTTTTTCCCCAGTGTTAGGGCAACACCGTAGCTTCCATCTTTTGTGTTCT
AGTACATTAAGATAATGCATTAGGATGTGTATGTGTACAGTATATATGTACGTAAACACA
CAGGATTGTATTAAACATACTAATTTTTAAACCAAAAAA

Sequence 10525

CCCCCCTCGGGGTACTTCTAGAATTAATTAACGCGGGCCAGTATACATTTACATGACAT
GTTTGCTGCTCCTTCTCTATACTGTGGCGGAAGTCTTTCTGTTCAATCATCCTTCTTATA
AGGGCACTCAAAGTGATTTTTAGCAGTCTTATTTTACATTTAAATATAAACATATTTT
CACAAGTTAAATGGTAATTTAAATTCATTGTCATAGTAATTTTATGGTTTTTCTGG
TATGTCTACCAGTGAACCACTTAATAACGAACACTTAGTTGTGTATTGATGACTGTAATG
ATGATCCCTATAGGGTTTATCTTACGTGGAGCATTGTTTACCCATCCACACTAAATTGA
GTCTTGCTCTTTTTTTTTTTTTTCGAGATAGGGTCTCACCTGTCACCCAGGCTGGAGT
GC

Sequence 10526

CCGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGCCTGCAATCTCCTCCTT
TTTATCTTTGTAACATTTTGTCTTTGAAGGGCAGGATGGAGTTCTGATATTACTGGCAAT
TAGAATTAGGCCAGCTAATAGAAAGTTAAAAAGTAAGAGGGACCAGGACAGAATTTCTATC
TCAAATAGCATAAAACAGAAATTTACTGTGTCTTATGATGGCATTAGAATAAATATCTG
AAGAAATGTTAAAGTCTTTGTTCTATATTTATTGAGTTCAAACACTTTGGCTCAATACC
AGTACCTGTCTATGGAACAGGCTTTCAATTTTAAAGAAAATTGGTAAATCTTTAAAAAG
CATTAATTAATCTTAACTGAATAGTGTGGGTGGAAAAGAGTTTCAGATGTTAAATTGTA
AAACAATTTATATCAACATATACCTACATTNTATTATATATTGATGAAGCATGAGCAAC
TTTGTGAGGAGGAATCTGGCATAGCTT

Sequence 10527

CGGGCCCCCCTCGGGGTACTTCTAGNAATTAATTAACGCGGGAACCAAGTTCTAAAGA

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ACAAATAAGATTTTTGATTTTCCACCAAGAACCCATGTTTTTCATGATCTCGCTTAATCTT
TAAGTGTTTGCATGAGATGATGTACAGGTTGACAACTTTAACAGTGAGGGACAGTTGA
AAGTCACAGAGAGGCAGAGGAAAAATATCTGAAATCATCACTCTCAGTTTTTTATACAAT
TCATTGTTTTGATGTGAAAAATATGTTAGATACTATATTATTGTGTTACCATTTCTTTA
AAAGAACTGATTTTTCTCATGTAGCTTCTCCTAACAGAATCTTAATTGGTTCCAATAATA
TACTGACATTCTTATAAACACTTAACCAGGCTAGGCACAGTGCCTCATTCTTATAATCTC
AGTACTTTGGGAGGCCAAGGCAGGAGAATGCTTGAGCCCAGGATTTTGAGACCAGCCTGN
GCAACATAGTGAGATACTG

Sequence 10528

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGCCATTAATCCCAGCATG
GGCTCCCATTGGNAGAACTAAGAAAAACAAAGCACAGTAGTTATGGTCACAAGTGGATGA
GTTAAGGCTCAAGACAACCTGGATTGACTCCTTTAAATCTTATGGGGCAACTTGATAAAC
AAGATAGCTCCCTTTCTTTTCCACCCTGGTTGCACATTCTCTATAATGTCATTCTCGGG
TCTCCCATGACTAAGGTAATGACTTGACTGTGCCGCACTAGAATGTCAAATGAAGAATC
AGTTCTTCTGCTCAGCAGTAAGTACTGAGTGGGAAGTTTTTGCCCTTTTGCCCAATTGGGT
GATTATCAAAACATTTTCATAGATCTGAATGATAGAAAGAACTCCAAAGAGGTATCTGG
TTAGGTAAATACAACCTTTTGATATTACTCTTGTCTCCAAGGATGCCCCAGCGTCTCTCC
AACATTCCCAGTACCCTATTCCACTTAGATCACTNTANGTAGAGCTCTGCTCATGTGAGA
AAATAAGAGGAGTCCACAGACACTCTCGTCTGTCTTTCTTNCCTGAGTGGAC

Sequence 10529

AATTAACGCGGGGTTTCTCCATGTTGGCCAGGCTGGTCTCGAACTCCTGACCTGAGGTGA
TCCCCCACCTTGCCCTCCCAAATGGCTGGGATTACAGGCTTGACCCACCTAACCTGGCC
CAGGCAGGGTTTTAATAGAAAAAGGCTGGGGCTCTGCCCTTCCGTGTGCTGTTTTATATG
GCTAACTTAACCTTCCCCAAAAGGGAATTAACCATTTCTGGGGGCTCTCAGCTGGGGT
TGTA AACACCCCTGGTTGTCCCACCTTTTCTTTCTTATTTATAAAAACTCCACAGAGTT
AGAAAAAGTTCTTCAAAAAGCAAAGCAATTTCTCTGCTAAATGAAAAAGTCCCCCATTC
CAGTAGGAGATGCACCCAAAACCCACAGGACGGGGCTTCACCCAGGGATGCCGG

Sequence 10530

GCCCCCCTCGGNAGTACTTCTAGNAATTAATTAACGCGGGCCTGAGTTTTTTGTGCTCT
TTAAGTTGAGGTCACTCTCAGCAAGGTGTGTTCTGAATGGCTACATTCTCCCCAAGGGTC
ACACACCACCACCAGAGAGGGTGTGCATCCCATCTGGTGCACAACCTAAGAAGGGGAAATC
ATGCCTTCTGTGTCCTTTCTCCAGAGCCTCCTGTCTTCTCCTAGCATTGCTCTGCTGG
CCCAGGTTTAAGAGCTGGAGCTGCTGTGCTATGGGCTTACACTGGTCAGGCAGCCAGGAG
GAAGAGGAAACCAGAATAAACATGTTTTGCAAGACCAAGTCTGGTTTAAATGAAAGCAAT
TCTAAATAAGGACAATACAGTCTTATAGAGCCAGTGCCTGGGCCGCCTGTTGGCAGTTTC
CTCTACAGAGGGGTTTGCCATGGAAAACCAAGGTGAGACTGATAAGCTGAACTGCCTG
CAGCCAGGCTGGCAGGAGGCTCATGACAAGACCTCCTCATCCAGCATTGAATCCATCCC
AGGCCAGAGGATGTGATTACAGAGGCAGGNAATCCAAGGACCCAGTCT

Sequence 10531

GCGGGCTTATGTAAATATGTGATTTTTTTGAACAGAATCCATGCTACTTACTAACATACAC
AGGTGGCTTTAGGGGAAATGTAAACAGATTTCCCTGGGAAAAAATAATGTTTGTCTTTAA
AGGGACTGGGGCTTATTTTTTTTTTAAACAAGGGATGGCAAAGGGGGATTACACCCCCC
CTCCACATTTGGGGGCGTGTGGGCAACTTACCTTAAAAAAGTAAACATTTCCCTACCAA
AAGCCCTAACAAATGGAATCTTATTAATAAAATATTGTATGGGGGGGAAAAATGAAAT
AAATTTTTTCTTTAATAACCCAACCTCCCTTAAGGGCAACAATATGT

Sequence 10532

CCCCCTCGTGGTACTTCTAGAATTAATTAACGCGGGTGTATAGCATACTTTAGGAAACT
CTACACTAGACAAATGTATTTTCCATAAAAAACCAGAATATTAGGCATGTCAAAAAATGTA
TACAAGCAATTCTGATGATCCATATTATTTAGATATGATGATGATATTTTAAATAAATT
ACCAAAGAATAATAAGAAGGGAAGTTTCCCAATGGTAAGAAGGGGTGTTTAAATGTAAGTT
TCACCTCTTCTCTCTCCCTCATTCTCTCCCTAGTGGGTCAAGGGAGAGGGAGGGGTAA
AGATGACTTCTCCAAGATTGTTCCAGATCTATTGAGGCCTGCTCTGTCTAAATAGTGCT
TCCAGGAACAGCAGGGTCTCAATTATCTCACCGTGGGCTGTGAAATTGTAAAAA
AAA

Sequence 10533

TAATTACGCGGGCTCCTGTAATCCCACCTTTTGGGGAGGCGGGGAGGATATTTGCTT
GAACTCAGGAGGCAGAGGTTGCAGTGAGCTGAAATTGCCAGCTGCCCTCAGAGCCTGGG

Table 8
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GTACATGTAATACCAACATACAATGTGTAATGATCAAAATATGGGTAATTGGGATATCCAT
CATCTCAAGCACTTATCATTATTTGTGTTGAGAGCATTCCAGATCTCTTCTAGCTGTTT
TGAAATGTACAATAAATTATTGTAACTATAGTGGCCCTATTGTGTTATCAAACACTAGG
ACTTATTTCTTCTATCTAACTGTATCTTTGTACCTGTAAACCAGCTCCTCTTCATTCTCC
TATCCCCATTACCCCTTCGCAGCCTCTGGCAATCACCATTACAACTCTCTGCCTCCATGA
AATCAGTTGTGTAGCTTCCACATAAAAGTGAGAACATGCATTTGTCTCTCGGTGCCTTAC
TTATTTCACTTAACATAGTTNTCTCCTAATTTTTATTAACTTTAATTCCCACATTATTAA
CTATAAATAA

Sequence 10540

ATTAATTAACGCGGAGTGCTGGGATTACAGGCGTGAGCCACTGCACCCGGCCATTTTTTA
ATGATTTTTTAAAAATTTTTTGGCAGCTCTGAATTGGCAGGTGTGGAAATAAACTGAAAG
GACCATCTGTTTCTAAAAAATCATTTTTGAGCTTTTTTCCCCACCTAGAGGGTCCCGACCAA
TCGGGATGTGAGGGGCACAGTCTGGGCTGTTGTTTCCCCCATTTGAATACTTGACATATC
CAGTGTATCTTACACTAACGGGGCTTCTCACCTTAAAGCTGGGAGCTCATGACTGCATA
CCCACCTTTGGTCCCTTTGCTTAAAAGGGAAGAGGGGCCCAAGGGACAGGCATTACCTC
AAACACTCTCTTTTAAAAGCAAAAACGGGGGCCATTAA

Sequence 10541

CGGGCCCCCCCCCTCGGNGTACTTCTAGNATTAATTAACGCGGGGGTTAAATGTACACTNG
TTGNAGTTTTCTGGTACACTAAAAATAATTGGAAATAATACAAATTTTCTTCAAAAAA
AAA
AAAC
CCCCGCGCCCCCCCCGGGGGGCCCCCTTTTCCCCCTTTTGGGGGGGCCCTTTCCCCCCC
CCCCTGGGCCCCGGTTTTTAACGGGGGGGGGGGGGGGAAACCCCGGGTCCCCCCCCCTT
AACCCCTTGGCGCTCCCCCCCCCTTTTCCAATGGGGGAAAAGCCCAAAAAGCCCCCCCC
CTCCCCCTTTCCCAAAATT

Sequence 10542

CGGGCCCCCCCCCTCGGGGTACTTCTAGNATTAATTAACGCGGGGAGATAAAATTGAAGGA
GTAACATGAGTAAGATCAAAGATAGGAGAAGGACAAAAGAAATGAAAAGACCTAAATAAC
TTACTACAGGTCATAAAGTCAAGCAAAACAATGTCAAATTCAGATCTAAGTCTCTTA
ACTCCAAAGCCTTTGATCTTTGAAGTACCATGTACGATTTAAAGATCGTTACCTGTTTACG
TGTTATATAGATCAAAAATGGAAGGAATTGACAATTGTTGGCAGTTAAATTTGGGGGAAA
AAAAATAACATTTATTACATATTTAGCATACATTATTAATAATACTGTTATATTTAGTAT
TTACATAGTATTAATAATTTCAAATGAAATAAATGGCAAAGGATTTTGCTAGTTACCAC
ATATTTAACATATTAATATTAATAATGAATAGGGCCAGGTGGCTCTATTGTACAGTGTTC
TACAGTATTATACAGTGGCTCATGCTTGTCTCATCTCAGCACTTTGGGAGGCCAAGGTGGGA
GGACCTCTTGAGGCCAGGAAACCAACCTGGGTAATGTTGCGAGACCTATCTCCAAAAAA
AAAAAAAAAC

Sequence 10543

CGGGCCCCCCCCCTCGGGGTACTTCTAGNATTAATTAACGCGGGAATGATAAAAGAGACAAT
CCACCAAGAAGATACAGCAATTCTAAATGTGAATGTACNNCAAGCAATAGAAGTTGAAAA
ATACATAAAATAAAAACTGATAGAACAGAAATGAGAAATAGACAAATCCATAATTATAGT
TTGAGACTTCAACAGTCTTCTCTCAGTAATTGGTATCACCGCTAGACAGAAGATCAGGAA
AGATTTAGAAAACTCAACACCATCAATCAGCTGGACCTAATTAATATTTATGGAACACTT
CATTCATAACAGCAGAATGCACATTCTTTTAAAGCATCTACATTACATACGGATGCTGA
TGCAGTATTTTGCTTATGCAAGAGCTACCATATCCTTAGCCACAGAACAACCTCAACAA
ATTTGAAAGAATTAATAATCATACAGAGTATGTTCTCTGACTACAATGAGTCAAACTAGAA
ATAAATAATAAAAAAATAGAAAAATGTCCAAACACTCGGAAATTAACATACTTCTAA
TAATTCAGTGATCAAAGTGGGAATCTCAAGGAAATAAAATACATTAACTGA

Sequence 10544

CCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGTCAGTACTGATCTTCTTCTCTA
GGTTTTACATGGATGACTTCTCTGTGTTCTATATCTTAGCTCAAGACTGTATTTGGGCAT
GTAGAAGTCTTCTCGGAGCTCTGGTCATCTGATAAAGCGTACATTTTCTCCATCTCCTTT
CAGAAACCTCCATTAATTCACAGTTATATTTGCTTATATTCAGTGACACTTATTACCAT
TGAAAGTTAGTCTACATGTCTATTACGTTTCTCACTACTAGAATCAAAAATTCATCAGAG
TATGTTTACAGTTTTGTCCATTACTGCATCATCACACCTAGAACAATATATCTGGAACG
CAGTAATTACTCATAAAAAATGACAATTTAAAGGTAACAATAAACGTATGGAGCAACGTCA
TCTGCTCAATAGCTATTACAGCAGGACATGTAGAGCTGAACTTAACAAATATGCATCTC

Table 8
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AGAACCATCTAGATAAGGCACTTACGGGAAATGAGGTTTAGTTTCCCTACGTTCAATAAT
GAATTTCCCATATGGTTGCTATGCTTAACTTGCTCAAAGGGAATTATT

Sequence 10545

CCCCCTCGGNAGTCTTCTAGAATTAATTAACCGGGAGGGTTTTTAGAAACAGAATATCT
AAGATTCTCTCTTAGAAGATCTGTATTAATAGTTGGAGTGGAGTCTGAGATTCTGCTTTT
GACAAATGCCCTGGGAAATAATTAGGATACAGAAATTATAGAAAACCTCCACATTCTATCA
TTCTGTCTTCAGAGATAAAAGATCACTACTAATCAAATAAACTGATATAGGAATTTCTAA
AACATATGGCTATGAACCTATTTTTAAACATAGACTTATTGGCTGTGCTTATGTATTAGA
CCTTAGAGAAGCCGTGCATTTAGACCTGTATGATACATCCATTTATAAGTCAATTGTCCCT
GGGATCTGATTTTATGTTTATGGTGTGTACATGTCTGTCTGTCTGTAATATTGGTATTTTT
TAGAGTTCATCTAGATCTTTGACCATTCACTCAGCACTCTGTTTAGTAAGATACGGAATC
CAAAGATGCACTAAACTATCCCACTGTGCTATAGGAGACGTGCAATAGGAATTAATGT
CAGGCAGAAGCAGTTAAACACTTGGCAACTGCCTG

Sequence 10546

AAAAGTTGGAGACAGTCTTCCATCAGTCAAAAAAATTGTTACTGTATGCATTCCAAAAAG
AAATGTAAAGGGATAGCATTCCCTAGAAACAATGAATAAAATAAAATTCCTGTATTTAA
TAAACAGCATCTGTAAACCTACAACAAACATTCCGAAGGTGAATCTTCNGTTCAATCA
GATACATAAAAGAGGTGTTTGCTACATCTATTCACTGGAAGGCCCTAACTAGCACAATAAC
ACAAGAAAGAAATGTGAAGCAATTGGAACAAGTAAACTATGATTATTAACAGATGAT
ATGATTGTCTACATAAGAAAACAAAAAAATCTGTACATAAATTACTTAACTAATGTGA
GTTTGGCAAATTTGACAGATGGAAGTGATATTCAAAGACCGACTGCATTTTAATTACC
AGCCCCAAAAAAAAAAAAAA

Sequence 10547

CCGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGCAGTAAGTGTCTGTTT
CATCATCAGCCGTGTAATACAAATCCAAGCTTTCTTTGCTTTATGAACTTACACACGT
TAGAAATCATGCTTGGCATCAAGACATTTTTCTCCCAAGATACTGCCTGCTGCTTAGAG
TAGCGATTAGTAATGAGCGTAATAAACAGGCTACAGTCGTGCAGGAGATGAGAATTAGC
CAGGCTTGTTTTCTGTGGAAGCTGTTGTTTAAAGAATAAGTTGTGGCCGGGCGCGGTGGCT
CACGCTGTAATCCCAGCACTTTGGGAGGCCGAGGCGGGCGGATCACGAGGTCAGGAGAT
CGAGACCATCCTGGCTAAACCGGTGAAACCCCGTCTCTACTAAAAAAAAAAAA

Sequence 10548

CCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGCAATGATTAGTGATGGTTGTAAC
CTTTCAACATGTGCAAAATATTTTGTCTGCCATTTTCTGAATTATTTGCAATAATTCTT
GGTTAATTTTTATTTTTGGCTTAACAGTAAATTACTGGGAACAAAGACATATTAATGCT
TAGTTTGAGACTTCATAATGGTAACATAATCTCACTACATTTTGTACATATTGTGCATCT
CACAACCTGTAAAGACTTATCACACATATTATATAAGTCTTATGGTAGGATTTCAAACAT
ATATTCAATTTTTAACCCCCATTCTGTACATAAACTAGAATCCAAAAGAAGTAAGGCAAA
TCAGCTGGAGTATTGAGACACAGCTTGGGTTTGTGTGTTTGTGTCTACAAACCTAGGTT
TATAACTTCAAGTTCAGTGTAATAGCTGTTATAGAACAGCCACCACTTTGGAGTATATAT
AGACAAGTTCAACACAGTCATGTGCACCCTTCAAAGTCAAGATGCTTTCTTTGGTATCTT
GGTTTAAAGCTGATACAATCATTCACTGTACTCAATGCTAAGTTATTTAGATTGCAGAAC
AAAAATGCTACTTAGTGAAAT

Sequence 10549

CGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGCTAGTGTGCAACAGTAGT
ACATTTTTGTGAGTCATTTTTCTTCCAGCCATAGCAGCCCTCCTGTGTCTTTAAAGGCAC
TACTTTTTGCCTTGCTTGATGCCCTGCATCCTCTCTGATAGATGCACAACTGTGAAG
TTATGAAAGTTGAGAAAGAAGCTTGGGGTTCCCTCATTCTGTAACACTGGTCCCTCTCCAT
TCTGTAGTCTCCAGTCTTATACCTTCCCTACGTCTGATT

Sequence 10550

CCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGTTTTTGGGTGGATCACTTGAG
GCCAGGAGTTTGAGAGCAGCCTGGGCAGCATGACTAAACCCCATCTCAAAAATACAAAAA
TTAGCCAGTCTCTTAATCCAGTCCCCCAATAAATAAACACATAAAAGAGGCATAAACTA
CTATATTCAATTGTCTGGAGATATGTAAGCCAAAAACCTAACACAAAAAAATTGCTGCC
AAGCTGGTAATATCCTTGGTAGAAGGAAATTAAATCTGTTTCAAGGAGATTGTACAAGATT
CCCACCCAAAAAACCCGCTTAAGTTCCCCTTTCAAATCTGCAACAAAGAAGGAACTC
TAATCAAATCGATCTACACAACACATGATGGGAAGAAGTCAAGTAATAGAATTATCACAG
ATTTTTTTTAAAGTATGTTTAAATTAAGAGAAAAGAAAAATCGGATATCTGTAAACTAAT

Table 8
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GACCCATAGAAAAGGATTAAAAGATTTTATTAAAGGCTAATAAGGACTAAAAAAAAA

Sequence 10551

CGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGCTAATATAAAGTCTTAAT
GTCATCCCTTTTATTTTCATTCAACAAGTAATATTGGAACAAGTATTTAGTTTATTTGG
GATCAAGGAAGACTAACAAAAGGGTTTCTTCCTCCTTAGAGAAGTAGGAAGGAGGAGAAC
TAAACCAGCACTTATTTGGTATCTG

Sequence 10552

CGGGCCCTCCCTCGNAGGTACTTCTAGAATTAATTAACGCGGGATTCAAAGATCAGTTAC
AAGCACCTAAGTGACATCTTTAATAGAGAAATTGATAATTATATAATCTGAACAGAACAC
TTTTTGTGTAGATTTAACTGTAGCCATAGCTCTCTTACAGTGGATAATTACTTTAAACAT
TTCTGGGAGAGACTTCTGTC

Sequence 10553

CGGGCCCCCCTCGGGGTACTTCTAGNATTAATTAACGCGGGCTACTGAAGGCTCCATC
ACAAATTGGGTGGTTGATGCTGTTGGCTGGGACCTCAGCTAGGGCAGTTGCATATGAACA
CCTACATGTGACCTTTTTATGTGGCTGCATAGGCCTCCTCAGCTTGGTGCCTGGGTCTG
AGGAGTCAGGCAGAGAACTGTTATTGCTTGTGTGATCTAGCATCAGAAATAACAGCAT
CTCGGCTGGGCGTGGTGGCTCATACCTGTAATCCCAGCACTTTTAGAGGCTGAGGTGGGT
GGATTGCTTGGGGCCAGGAGTTCAGACCAGTCTTGGCAACTTGGTGAAACCCTGTCTCT
ACAAAAAAAAAAAAA

Sequence 10554

CGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGCATCCTTACTAAATCTTA
TGAAGTAATAGTCTGATGAAATATGAGTATTTAGACTTGCATTAGCTTTCAAAAAAGTCC
CCAGTATTTGAAGAGGGTACTTCTGTGGCTGGTTTGGCAATTGAGATTAGTAAATTAGG
AAGATGCTACTGTCTTCATTGACCTTTTATAACATGTGTTTGACAAAGCCTTGAGTCTTC
TATAATAACAACAATGGTAATAGCCATTCTTTATTTGTCACTTGCACACACTGCCAGGCC
CTGTGCTTCACAGGTAGTATGTTAATCATATGTTTATTTAAGGGGAAAACCTAATATGT
ACCATGCTTCCTATCCCATAAGTGGTGCAAGATGAGAGTTGGAATCAGATCTGTCTGTCC
CCTGAATCCTGTTTTTCGATAATACTTCTTCAAAAGAAGAAAGATGAGAAAACAGCAATTA
CGTGCTCCATTGATGGAAGATACCAGATCAAATCCTTTGGCAGATTAATCAACATGATCC
CACATCCTTTTAGGTTGCAGTGTAAAGACCCAACCTGTACTATTTCCAGTGTAGCAAGTAC
TG

Sequence 10555

CCGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGTCTCATATCCACAATTA
GAAACAATTTTGGGATTACAGAACTGCAGGCCAAGAGGGGAATCACTTGTGTGTCAGTC
TGAATCCCCAAATGTTGATTCTGGCTGGTGTGGGTGAGAGAGTTACGTGGCAAGTCGC
AGCCCCGAGGCAGACACTTTTACCAAGCAACACAGCACCTGGATGACGAGGGCTACTCT
GTTTCCGCTGGGGCTGAGACCTGCTCAGTGCATTTCTACCTCATCAGCTGGGCTATAACT
GTTTTTCTACAAAAAAAAAAAAA

Sequence 10556

CCCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGTGCCAGCCATGGGCTTGTGCTAA
CCTTTAGCTACCTCTTTTAACATAGAACAACTGCCGCCGATATGGAACAGCAGCTGAC
ACAAATGCTAACTTCCCCTACCATCTGGGGCCTCGGCAGAGGTCTGCGTTGAAGAAACCA
AAGTTAGGTTTGAAACCTCGAGACGGGTCTGTTCTGTGTTACCAGAAGGCCACGGGTCC
TGATGCCTGTTCTCCCTCCTTCTGTAAGTCCTGGGGTGGTCTGGAAGATTTTCATCTACC
ACTTGGGTGGCCCATCTCACAGGCTGCCCCAGAGCTCTTACCCCTTTC

Sequence 10557

CGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGAGGGAGTGATTCAAGTCA
AAAAGTTTAGCAAGTATTCAGAATCCACAGGCCCCAGTGAAACCAGATGACAAACAGGTT
AGTGAAGTCAGAACATAGATCAGAAGGCTCAACAGTAAGGGAAAAGGCAGGGCGTCAAGG
GTTTCATATAACCTACATGATTGAGAAATGCTGGTGGCAGGCAAGACCAGGCAGCAGGAAT
CCTGAGCCCAAGTTGAGTCTAAACAGCAGAGTGATCAACATTTATGCAACTAACTCTGCA
GTAGTCTATCCACAGCAAGAAAATTCTGAGTGGAAAAAAAATATTAACATATTCAGCC
TCATCTCTGACACTTTAAGCCATTTAACTTCTGATGCATAAATCATGAGTGAATCCA
GCCCAGGTTCCCATACATCAAAATGCATATAAATTTGTACATGATAATAAATGGACAGGT
GTGGAGTGGAGATAAATGTTACCATAAAAGGAGTACATTCTGGAGGGCTTTGAAATCTCA
GAGAGATCTTTGAAGGTCTTCAACAGGAA

Sequence 10558

Table 8
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CCGGGCCCCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGACCTTGTTAGCTGGAGG
TGGAAGGAATTATCTCTGGCATCACATTGGCATAACATGAGCCAAATCGGCATGGACACT
GGCCTGTCATCTGCAGTGAGTGAAGTGACTAGAAATACTGCATATTCCTTGCCAGCCCTC
AGACTGATGTTAATTACGTGTGGTTTGTGTTTAAATTATAAAATATTTTGGCCTGGTACAGT
GGCTCACGCCTGTAATCCCAGCACTTTGGGAGGCGGAGGCAGGTGGATAATGTGAGGTCA
GGAGTTTGAGAACAGCCTGGCCAACATGGCGGAACCCCGTCTCTACTAAAAATACAAAAT
TATCTGGGTGTGGTGGTGGGTACCTGTAATCTCAGCTACTCAGGAGGCTGAGGCATGAGA
ATCGCTTGAACCTGGGTGGCGGAGGTTGCGGTGAGTCAAGATCGCACCATTTTACCCTAG
CCTGGGCGACAGAGTGAGACTCCATCTCAAAAAAATAAAATATTTTACTTTTAAATGGG
AGTTTGAAATTCGAAGTTAATCCTTTTGTGTTTAGAAAGCTTCGGAAGACTTGTTACCAA
GGAGTCTC

Sequence 10559

CCCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGATATACTTAAAAGCATAAAGGTT
AACCATGCCAGTCTAATCAGCCACTCTTTCACACACACAGCTACATTATTTCTACAGTAAC
GTTATTAACCTACAGATAACTAAATATGACTTTCAAGTATAGTTTATCATAGTAACACTT
TCTAATTTAAAATTTAAAAGTCAACACTTGGTCACGGTGGCTCACGCCTGTAATCCCAGC
ACTTTGGAAGGCCAAGGTGGGTGGATCACCTGAGGTGAGAAGTTCAGACCAGCCTGGCC
AACATGGTGAAACCCCATCAACTAAAAATATAAACTAGCCAGGTGTGGTGGCGCACACC
TGTAATTCAGCTACTTGGGAAGTTGAGGCAGGAGAACAGCCTGAACCTGNGAGGTGGAG
GTTGTAGTGAGCTGAGATAGTGCCACCGCACTCCAGCCTGGGCAACAGAGTGAGACTCCA
TCTCAAAAAAAAAAAAAA

Sequence 10560

CGGGCCCCCCCCCTCGAAATACTTCTAGAATTAATTAACGCGGACTTCTCTCTGATCCTAT
CTTATACATCCAAACATCAAACACTCTCTGAGCCAGGCATTTCTAGTTCTTTAGCCATAC
TTATTTGAACAATGTAAATGGCTCAATAGGATTTTGTATTCAATTACTAACACATGTAAG
AGCTTTTGAAGGACTGTCAGTAAATAATTTTAAACCAATTGAGATGACTGAGGAAGGTGG
ATTAATGTCCCAAATTGTGTTTCTCTGATTTTATTTATGGACAAGGAAGAAGTAAGCTT
TAAAAAAGTCTAGGCTGGGTACAGTGGCTCACACCTGTAATCCTAGTACTTTGGGAAGCT
GAGGTGGACGGATTGCTTGAGCCCAGGAGTTCAAGACCAGCCTGGGCAACATGGTGAAAC
CCTGTCTCTACCAAAAAGAAAAAACCTCAAATATACAAAAATTAGCCCAAGACCAGCCTG
CGCAACATGGTGAAACCCTGTCTCTACCAAAAAAAAAAACCCCTCAAAAATACAAAAATTAG
CCAGGCATGGTGGCACACACCTGTAGTCCCAGCTACTCAACAGGCTGAGGTGGGAGGATT
GCTTGAGCC

Sequence 10561

CGGGCCCCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGGTGGTACTNTTCCTATAT
AATTGTCCTTTTATATTTCTTATATTTCCGTTGATATATTGAAAGAGTTTCCTGAAGTTA
TCTGTTCCTATATAATTGTCCTCTTTATAGTCTTATATTCCCGTTGATATATCGAAAGAG
TTTCCTGAAGTTATCTATTGCTAATATTTAGCATTTACTTTTAGGAGCAAAATTTCTCAGG
AGAATTGAGAAATCTGTTGTCATTTATTTTGTATTATGTCCAAGTAAAGGTGAGAGATATG
AAATTAATGTTTGTAAGTACANACTAGTCATCACAGTCTACTTCAAAGGGAATGTCTG
TCACAGTTTCAGTAGTGCCANGGTACATAGAGATATGTTGTATGAAACCATATGGT

Sequence 10562

CCGGGCCCCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGGAGCCTGAATTTTAATT
ATCCACTCCAAGGACCATGGACATATACGTTTTAGGAACTCTATCCTCATGGCACAAAA
GCCTTTGACCATGTTGACTTTGGCCTGCTTTTTGGTGTCTAAACACATACAGGCAGAGAT
GGCAAGCATAAAAGCTAACTAAGCAAAACATAATAATGAAAAAGATGAGCCAGGACATC
GCTGTTTGGAGTAATTAACCATCTCAGAAAGCTCTTGCTCAATATTCACAGCCTTTGCCT
TTGAAGCTGACTGTGGCAGCCTCCAGTTGAAAGGGGATGAGGAGCTGGCATTTTGAACA
GGTGCCGTGGGCTGGGAAGTCAGTAGGGGAAAATTGGAGTCATTGTCTTACTGTACCAAG
CAGAGTTGTAGCCTGTGACTTTGAATTTGCACAGAT

Sequence 10563

CGGGCCCCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGGAGTGACTTAATCTGA
TTTCCATGTAACAGCAAAAGCAAAAATCACCCAGACTGCTGTGTGGACAAGCATCCTTGT
GGATTCTAATGCAAGTCTGTGATCGACTTTGAGAAATACTAATTTAGTCCTTAAGTCAG
TATCCTGAGATAGCTGATTTCAAAAGAGCTCTCTCAGGGCTTCTGACCAAAAGTGACAGA
TTGGCTACACCTGTACATCTCTTCTATTTCTAATCCCTGCCTAAATGGAAGAAAGAAA
TCAGAGACTGGGAGAGGTTACAACAGGAGACAGAAGCTGCTATACCTCTTTCAATAAGC

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AGATGGACAGGTAGTGACTGACTTTGCAGAGGAATCACACAGTACCTGTAAGTGCACAAA
AATACCTGTAAGAAATGCAGTACTGTGTTTGTCCGAAGCTCCCAAGAGTCTCAGCATTTG
GAGGCACCAGATACTAAGGAAGATAGGGGTGAGAAATGGAGCTGAAAACAGGGGAGCTGG
TCGGAAAATCTGTGTACTGACAGGTGGACCCCTACGATTTTCTCCCTATGTGCCCTT
Sequence 10564

CGGGCCCCCCTCGNGGGTACTTCTAGAATTAATTAACGCGGGGTGGCAAGAAGAGGGTG
TGGTGAATCTGCGGAATATCGTCCGTGGAAATGGTACTCTGAATATGGGCCCCATGGTT
GGTGAAAGTACTACAACATTGTTTCATTGACACGCACGTATCTTAAACACAGTCATCCACG
TTTGCCCTTCTATTGTAGCTGGTCAGGTAATCACTCTCTAATCTTCGTGTAGGGTGAAAGG
AGTCCTTTACTGAAGTATCACTTTGCATTTGGGATAGAGTATTTGTTACTCTGCTGCTGC
CTAATAGACTTTCTTCTCAGAAGCAGCTTGGAACTCAATGCGGCAAATTGAAATTTGAGA
TCCTACCTTAACACATAAAAAAAAAAAAAA

Sequence 10565

CCGGGCCCCCCTCGGAAGTCTTCTAGNATTAATTAACGCGGGGTATATAAAATTCCTA
CACAATGTAATATAAGTCCTACCGCTCAACCACCCTTCTTTCTTGTCCAACATTTCTC
AGCTCTTCTCATTTTGAGCAGTGTGTCTGCAGTTTAAATGTGTGAGGGCTTATGTGTAACG
TATGTTTCAGGAAATAGAAGGATAAATGGCAGAGCTGAAAGTTTAGGTGGGATGGGGAGAA
AAGACAAATATAACTAAAATACAAGCTATATTTCCCACTCTACAACAACAAATGCCTGAA
GAGAGAAAAAGGTAAAGTCTCTTAGGGTGAAGGGACTAATTTTGGTGAGAAAAATTTCTC
TTTGGGAATCTGACACCTTAGAAAGTAACACTGAGTTGAGCTGGGCATGGTGGCTCACGC
CTGTAATCCCAGCACCTACGGAGGCTGAGGCGGATGGATCACGAGGTCAGGAGTTCAAGA
CTATCCTGGCCAAGATGGTAAAACCTTGCTCTACTAAAAATAGAAAAAAAAAAAAAAAAA
Sequence 10566

CCCCCTCGGAANTACTTCTAGAATTAATTAACGCGGGCATGNGCTCAAANATACTGAAA
GAAATATATGTACACATATTTTCTTAAGAATTTTTTTATTACGTTTCCTAAAATGTTTTA
ACTTGATTCTTAAATGGAAACAGGCCCTTAAATAATAATGACTAAACAGATTTAGAAGC
ATAAAGGATGTCAGAACATCTCAGGTGTTTTAACTAAGAATTTGAGATATAAATACATAA
AAAAAAAAAAAAA

Sequence 10567

CCGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGATACACATAAGTATATA
CACTTAAAAATATTGTTAAATCTCTATGACACAGTACTGTCTCAAATGAATTTCTAATAG
GCTTAGAAAGTTGACATTCAAATTTCTAAAGTTTATATGGAAATAATGACCTTGAATGGGC
AAAATCATCTGAAGAAAGAACAATGTCATCAGTGAATTTATAGGATCTGATTGCAAGACT
TACCCTAAGGCTATAATAATCAAGACAATGTGGTATTGACATAAGGCTAGAATAACAGAT
TAGTGGAATGGATTACAGTCCAGAAATAGATCCACACATATGTGGTCAATTAGTTTTTAA
CAAAGCCACCAAGGCAATTTGATACAGAAAGGAAAATATTTTCAACCATTGGTGTCTGGAA
CAATTGAATAAATGTAAGAAAGAGAATGAACCTTTGACCCTCTACGCCACAACAAACATT
ACTTTGAGATGA

Sequence 10568

GGGTACGGGGCCCCCCCCCTCGAAAGTCTTCTAGNAATTAATTAACGCGGGCCATTAACCTT
AATTCCTGTGTAGTCATATTAGACTTTTTTCATTTTCTGTAATTTGCTCAGCCTCTCTTT
ATATTTTTTAATCTCTTTTCTCTGTGTAACATTCTGTGTAATTCCTGACTTATACATAA
TTTATGCACTTTTATTTCAACCAATTCTTTCTTCAAATGTGTCAAATTGACTGAGCACAGT
GGCTTACACCTGTAGTCCAGCATTTTGGGAGGCTGAGGCAGGAAGATCACTCGAGCTCA
TGGATTCAAAACCAGCCTGGGCAACATAATGAGACCTCATTTCTACAAAAAAAAAAAGTA
TTACCCAGAACGTGGCAGATGCTTGTAGTCACAGCTGCTTAGGAGACTCAAGGTCTTCT
AAGACACTCGAGGTACTTATGAGGTTGATGTTACAGTGAGCTATAATCACGCCGCTGTAC
TCCAGCTTTGGTAACAGAGCAAGACCCAGTCCAAAAAAAAAAAAA

Sequence 10569

CGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGCCACCCTCCTCACTCCCT
AGGACTCTGACTCCCCTGCCAGGCTCCACTCCTGCTTCTCCTGTGGGGAAGCCACCTCCT
GCCTGGGGTGTGAGTTTTCTGTGTTGGACACTGCCCAGCATGGGTGCTTATCATTTTTT
GAATGGCTTTTGCAATTGAATTGATCAGGAATGGAAGAGAAAAGAAGAAAGGCAAAGGGGA
AAGGGAAAAAATGGCAGAGGAAGAGCCCCANATGATTTT

Sequence 10570

CGGGCCCCCCTCGGGGTACTTCTAGNATTAATTAACGCGGGATGGCCAGACTGTAGGC
TACCTAGGTGGCTTTGTGGTCTCATGTGATCAAAGTCGGGGATAGATTAAGGAGACTAGA

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TCTTTCTTTAGTAGATGGAATATAGCAATTCCAATTACTGACATCCTAAAAGCTTCTCTG
GAGATGCAGAGCAAATTTCTATACATTTAATGTTTTCTACATTAAAGGATATTTTGCTT
CCACAAGTGAAGTGAATTATGGAACAAAACCTCCTTTAAGATAAGCCTGAAATTATCAT
TGTATTTGACAATGGGAGGAAAAAGCTGAGACGTTTTTCAGAATCTACCAGCAATGCATC
CCCCAGAGAATACACAATTTGCATGAATCCCCCTGAGCTAGGGAAGCTGAGGATATCTGA
AAGAGAGGGGGAAAAATGTATTTTAAAAAG

Sequence 10571

CCCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGGTTTACCATGTTGGCCAGGGTG
GTCTCGAATGCCAGACCTCAAATGATCCGCTCGCCTCGGCCTCCTGAAGTGTGGGATTA
TAGGCGTGAGCCCCCTGCACCCAGCCTTTCTGAGAATTTTACAGGACATATGTCCAGCAG
GCCTCGGCATTACCTTCTACTCCAGAAAATTCAGCTCAGAAGCCAATGCTCCAGGAGAGG
GTTTCCCAGAGCACCAAGCAAGATTTAAGTGCCCTCTCTCTCTGAGCCAGCACAGGGT
CCATCTCTCTGGGGGGTTGGTCCCCACCAGACTGCAAGTACTGGGAGGGGATGGTTATCC
CCTTGGCTCTGCAGCCAGCGGCTGCTGCAGAACACGTGTTGGACTAAATAAAGCTAGACT
TAAATTCTGCCTTCACGTGCAAGTTTACATCTGACACCAACAACGTAAGACCACCAGGG
CCAGCACGCATTCTCAACATACTTTCCAAAGCTGGAAAAAGCACAGCCAAGTCACTCAG
AAAAGCCTCTTTTGATTTGGCTTCTGGATAAAAAGAGTCTCCCT

Sequence 10572

CCGGGCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGGACTGGGCTTAGGTAT
TCTTTAGCTCAGGTAGGGTAGAGGACCCAGATAAATAAGGGAGTTTTCTATAAGGAAAA
GATTAAGAACTATTTTCACTCCATGGGAGCTTGGTCAAATTGACAAAAAATATGCTTAGTT
TTTTTTTTCTGGAGCCAAATTCACCTTCTAGAAGTAAATCCGGGCCCTTTGAGAGCTGAA
TTGCTTTTCAGCAACATTAATATAATACATTAATTTGCTATTCTTAGGTGATATCATGAAG
GAGTTTTAAATTGAGGTAGTTTTCTGCAGAGCTGCTAGAATATTTTAATTATTTCTTA
TGGTATATATTTTCGCTTACTTCCAAGTGGGATTGAGGCAGTATACATCTAAAAAGATTAT
CAAAAAAAAAAAAAA

Sequence 10573

CCCCCTCGGGGGTACTTCTAGAATTAATTAACGCGGGGAGATTGAAAATGACAGGTCAG
AGCAATGACATAACTATTTTTCTCACAGGATAATGTACATATGAAACACTATAGAATATA
ACACTTAAAGAAGCACTAGCAAAATGAAGGACATCCAGAGAAGTGAGTAAATTGATAAAG
AACAGAGAAGTCTGAACACATGAAAAACCAGAGAAACCACAGTTAGAAGAGAACTGCT
GGGATTAGAGCTGTATTACACATGTGAAAGGAAGTAAATTTTTGGGTAATCAAGAAATA
TAACTTTGTGGTCATTAGAATTTTCTTAAGTAGAATGGGCTACACTATAATGAAGTAA
ACTAGTAAAGGGAAAGGTCAAAGCTGAGATCGGTGAGGCAAGAATTGGGTAATAATTCA
ACTAGATGCCTTTAAAGTCTGTTCCAATCAGAGATCTTAAATTCTCTTACGTAATTAGAA
ACTTGGCCAGGCCCTATGGCTCACACCTGTGAAGTCAAGCACTTTGGGAGGTAGAGGCAGG
TA

Sequence 10574

CGGGCCCCCTTCGGGGTACTTCTAGAATTAATTAACCGGGGATTATTCTATACACCTC
ACAGGACTGTGATGTGAACCTAAAAAATAAGGGACTGGAAAAAGGATGTAAGTAAAGCCT
TTAGCATAAAGGCTTTAGGCAGTTTTAGTGAAGCTGGAACAAAGTTAAATGGTCAACTAA
CGGAGCTGCTTTTAGAAGTACGGTGCATAAGGAAATGAAGTGAAGCAATTTCCAGTTTGG
AAAATAAAACAAATCCACCACCTCAGTAATTTCTTTTATTGCTATGCCACTTATAAGGT
GACATAAAATAGCTAAAAAATGTTGAGAAAAAATTAATCACCTATAATCTGATAACTC
AATCAGCTTTTATTGTTGAGTTTTCTTCTCCTTGTCTTTAGTCACAGGCATATGTCACCA
CAGGGTACACACAGCACTTTTATTACATATTTTATAGTACTCATTATTATATTCAAAG
ACTGTAAATACTTCTCTTACTCAAATAATGATAAAAGCTAGATGTTNTATGCCCACTC
TCCACACCACATAACANAGCTCTC

Sequence 10575

CCCCCTCGAAAGTCTTCTAGNATTAATTAACNGCGGGTCTCCATACTAGAAAACTCATA
AGTGAAGCTTTGCACATGCAGTGCAATGTAAAAAATTACCAGGATTTTGGGAAGCACAAAA
CAGTTGCTAGGGCCGGGCATGGTGGCTCACGCCTGTAATCCCAGCACTTTGGGAGGCCAA
GGTGGGCAGATCACAAGGTGAGGAGATCAAGACCATCCTGGCTAACACGGTGAAACCCCG
TCTCTACTAAAAAATACAAAAAATTAGCCGGGCATAGTGGCGGACGCCTGTAATCCAG
CTACTGAGGAGGCTGAGACAGGAGAATGGCGTGAACCCGTGAGGCAGAGCTTGCACTGAG
CCGAAATTGCACCACTGCACTCCAGCCTGGGCGACAGAGCAAGACTCCGTCTCAAAAAA
AAAAAA

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Sequence 10576

CCCCCCTCGAGGGTACTTCTAGAATTAATTAACGCGGGTCTAATTCTCCCTTCAATGT
AATAATTCCTACTGAGTAATATAAAGTTTACTACTCCAGCCACACAATCAAATAATTGAA
GTTCAATTAATCTGCCTGCTCAATCTTAAATAAATGTATGTGTTTATACATTTATCAACTC
ATATATACATTCATTCCCTGAAATATATACTGGATGTATGCTATATGACAGGTCTTGTGCA
CAAGCAAATTTTAAACTTAGATTTTTTTTCTGCTGTGTTGTTGGGAGACTAGCTATGA
ATATTTAAAGATATTGTTACATTATATCATCTTTTAAATAGTGGCTGTTAGAATAGCCT
TCTTGGTTGTGCTGTGCATAACCAACAGGAGCAGTTTTTTATCTATCTATAATGTGTACA
ATCATACCAGCAGCTTTGCTGGTAAATGATTTTGGTTTCTCTAATATTAATTTACACCA
TTTTTCTATAATTCTATAACTTCTTCATCTAGCCTTCATTATAAATTTACTCACAGTATA
AAAGTTATGTGTTTGGCTGG

Sequence 10577

CCCCCCTTCGAAATACTTCTAGAATTAATTAACGCGGGGACTTTAGAGAAAATGCTGGA
AAGCAGGCTAACCACACAGGTTGATATGCCCGAGGCAGCTACAGCTGGATGATGGTTTCA
GTAAATAGAAATGCCTTCATTCTGGATGCCACATGCTGCAAACAGACCCAAATACATCCA
AACACACAGGTTTTGTGTTTAAAGGAACTGTTGTTCTCTCTCTTGCATTAAAAAA
AAAAAAAAAAGGCAGCCACGCGTGGTGGCTCATGCCTGTAATCCCAGCACTTTGGGAGGC
TGTGGCGGGTGGATCACTTGAGGTGAGAAGTTCAGGACCAGCCTGGTCAACATGGTGAAA
CCCCGTCTCTACTAAAAATATAAAATTAGTCGGGCGTGGTGGCGGGCACCTGTAATCCC
AGCTACTCAGAATGCTGAGGCAGGAGAATCACTTGAACCCAGGAGGCAGAGGCTGCAGTG
AGCTGAGATCGCGCCACTGCA

Sequence 10578

CGGGCCCCCCTCGNGGAGTCTTCTAGAATTAATTAACGCGGGTGTGAGGAGAGCTTGGC
ATGATTCCACAGAGGAGGAAGAAAAAGGAAACAAACAAACAAACAGATGAAAGGG
AATTTGTTGAATTTACAATGAATTAGAGTCTTCCATTGTACTAATTTAAAAGTTAATAT
ATCAGCTTCAAATTTTTTCATAAATTGTGGTAATTTCCAAGAAGGTCATCTACATGTTTCT
TGGTTTGTCTTTGAGAAAGCACTCAATATAAAGAATCCATTCCATTACTTTTTATGTATTA
AAATCTCTCTTAAGCATCTGACTATTTTCATAATTTATAAGCTAGTGTAGACTTTTGAGGC
AAGCATTTTCTTTGAAAAGATACAGACATTATCTCAGATTTGGCAAAGAAAAAAAAAAAA
A

Sequence 10579

CCCCCCTCGAAATACTTCTAGAATTAATTAACGCGGGGCTGCCTATTTGGTGAGATCTAA
CACTTTCTTCAACTCTGGACTGCCCTTCACGATGCCAGAGGAAAATGAAAGAAAATACAG
TAATTTTGAGGCAGAACAGAAAGGTATATAAAGAAATTGCAAAAATCCTAAAAGGAGAAA
CATGCCATAAAAGGAATGAGGAAAAAAGATAAACAGGGTATCAGTTAGGGAGTCCACATT
TGAGAAGAAAAGCTCATCTCTCTTCCCTGCCCTAAGTCTAAATTTTCAGTTAAACACAGAG
GAAACACCCCTGTTTAAATACTCTGTCTACATTATTTTGTAAATTTTACTCTCTATTGTA
TTATCTGAATAACTGTCCATCTTCGGTAATATGGCAGCTTGTACAGGCACCTAGTAAATA
CCTAAAATATGATATCTATTATCAGTGTAATACTGAAAGTACACTGATAAGAAAACAAA
AACATACAAAATGAAAATACATTGAATTATCTGGCCTGGACAATTAAGGTGATTAAATA
TAAACTGTTTGGTTGAGATATCTGTTTATTAAAAAGTTATTCCTGGACTCCTAAGATGT
AAGACATCATTAAGGCCTT

Sequence 10580

CCGGGCCCCCCTCGGAAGTCTTCTAGNATTAATTAACAGGGGCCACTGGGTGTAGGATT
GGGGAGGGAACACAGGGAGTCTAGCAGCTGTGGATTTTCAGTGGTCACAGAGGATGAGT
AGAAGCTGAGAAGCTGGTGGTCTTGAACCCCTGGATTATACCTATGTGTGCGATTTAG
GAATATAGGTAGAGGGGAGGAAATAGAAGAGATAACTTTACCAGATACTCCTGATGAGC
TGAATGTCTTGCTTTGTCTCTGACTTATGAAGCAATGAAAGGTCCATGTGGACCTGCCA
AAGCCTTCATTGGCTGGGAAGTAATTTCTTTGGTTCAAGTTCTGTGTCTACCAAAGACC
CTGCTAAAAATTCAAATATATTACTCAAGACGGGTAAATCATTACAGCTGTATCACAATCA
TGGTTAATAGGTTAACAAGTTATTTACCTAGCATGTACCTTAGGGAAAAGGACTATAGCT
TTCTCCCTCCATCATTAGGAAAATTACCAAATTTCCCCCAAATACCAAATGAATNTAT
GTTTATTCCANAAAAA

Sequence 10581

CGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGCTGCAAGATCATTGTGTA
ATTCTTACTTATTACTGATATAGAAGTAAAGATTGGGCAAATTAAGTGTCACACATCC
CTTCTTGCCAGTGTGGACAGTGTGGTACCTTATACTCACTTAACAAATATTTAATTGG

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TTATTAGTGTGTGCTTCTCTTTTTACATTTTTTTTTTACCCTGGTACCAAGAATAATTTGT
ACCCATTTTCTTGACCATATGTCTAACTTTTATAAATAACACAGTGAAATTGAAAGTGAT
CTGATAAGAACTGTACACTTGACAATATGACAAAACACATTGTTAGGAACTGTAGTAATT
TTAGCCTTGGTTTGTGGGTTTTGCATTTTTTGCTTGGAGTGTGTAGATCTTGTGAGAT
AGATTCTTCACATCATTGAGAATAATAATGATTGCTAGCATTTTGATGTCTGTGTTTCAT
TAATAAAAAGTAGATCCTTGACTGGGCTCAGTGGCTTCACACTTGTAAATCCCAACACTTT
GGCAGGCCAAGGCAGGTGGATTGCTTGTGCCCA

Sequence 10582

CCCCCCTGGAGTCTTTGATTAATAAAGGTTAATTTGAATATGATGTTCTTAAGGGACCT
ACTACCAGCAGACTGTTCTGAGGTCATGTCTATGTACATGCCAACATTCTAGGGCAGTGG
TTCAATGTCTTCCAGATAGTGAATCTGTGCAGACTGGTTTTAAGTCAGCCTTGACTTCTT
GTACATTGCCTTGGCAAGGGTTGATGATGTTGCAAAGGTGTTAGTCTGATTTCCCAAGGG
AGCAGGTCTCAGCTGCACAGCACAAATGATTTGTTTAATGCCTAGCATAGTGGCACTGGT
CTCAAAAAAAAAAAAAA

Sequence 10583

TACCGGGCCCCCCCCCTCGGAAATACTTCTAGNATTAATTAACGCGGGTGGCCTATACACC
AACTACCAAAATGAACAATTGAATTTGAAATAAAAACATATTACCCTTTACATTAGCACC
CCCTGAAAATGAAATAAATAGGTATAAATCTAGCAAAATATGTACACGGGCTGGGTGTGG
TGTCTCACATCTGTAATCCCCGCACTTTGGCAGGCTGAAGCAGGTGCATCACTTGAGGTC
AGGAGTTTGAGACCAACCTGACCAACATGGTGAAACCCCTCTCTACTAAAAATACAAAA
ATTAGCCATGTGTGGTGGTGTGTGCCTGTAGCCCCAGCTACTCAGGAGGCTGAGGCAGAA
GAATTGCCTAAACCCGGGAGGTAGAGGTTGCAGTGAGTCGAGATAGTACTACTGCACACC
AGCCTGGGCGACAGAGCAAGACTCCATCTCAAAAAAAAAAAAAA

Sequence 10584

CCGGGCCCCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGACATTGAGTTGAATTTT
ATTTATTCCACTATTTATCCATCCTCCCATCCATCCATCCACAATAAAGTAACAAAAAC
TACTATGCATCTGTCAACTTATGAAAAAGTATGAACAAAAGTCAGAACTGATTCATTTTC
TGAAGTCTCAAAACGAGAGGTTAATGTAATCAAAACAAATTCATTATGGGTGAAATTCCA
GGAGAATAAATTTTTCTAACTTTATCTCCAGAAGGACCTTTCACAGTTGGCAGTACGTA
ATCAAGATAAGGACAAAGATGTTATATAAGAGAGTTCTTCAGAGAAACCAATAGGATTTTC
TGCTATCAGTCTGTTTATATATTTATCTATCTCTATACATATTATCTATATATAAGCA
ATATATAGGTATATTAAAGGGGATTTATTTGGGGAAGTAGCTCACATGACTTAAAAAAA
AGAAAGATAAATATTTTCTAGAAAATAGACTGAGGGTGGGTGTGATGGTTCACGCTTTTA
ATCCAGC

Sequence 10585

CCCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGATTGATGAGGAAGCCAGACTGAG
CTGAGCATGGGAGGGAGAAGGGTCGGGTTGCCAACCTGAATTTCGGAACCCAGAAGCGG
TAAAACAGCGCTCTAACATGCCTCTTCATTCCCCACCAGAACCCTGGGTTTCCTACAGATT
TCCCCACTTTAGGGTTGGAGTGAGGCAAGTGGGAAATTGTAGTTACATAACTGAGCCCTC
TGCTCAGTGGTTAAGTCTGTGGAGGCAGGCAGGCTGGGTTCAAATCCCATCCACCACTA
TTAGTAGAAGTAAATAAGTAACCTTGACCTGTCTGTACTGGCAATGCATGTTTATTTCTGA
GCACACTGTCTAGAACATACGAAGGACTCAGTATATCAGCTCTTTATTATCAATAATAGG
CAGGATTCTATTTTAGAGAAGAGTAATCAGGTCAGAGGGGGGAGTCTGATGCTCTACAC
TATGCCTGCTACACAGAGAGCTAAGTGGGAAAGATTATTAGAAAAATCTCAACCAGACC
AGGCTCAGTGGCTACACCTATAATCCCAGCACTTTGGGAGGCCGAGGTGG

Sequence 10586

CGGGCCCCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGGCACTAGACATTAGATGAC
ATTATACAATTGTTGATAAATTCTCTTAGGTGCAATCAAAGTGTTGTGAGAGTTCTGAAA
ATTTAAATGCATAGAAAGAATAGCTAAATTAGGCCGGGTGCAGTGGCTCAAGCCTGTAAT
CCCAGCACTTTGGGAGGCCAAGGCGGGTGGATCACGAGGTCAGGAGATTGAAACCATCCT
GGCTAACATGGTGAAACCTGTCTCTACTAAAAATACAAAAAAATTAGCCCAGCATGGT
GGCGGGCGCCTGTAGTCCCAGCTACTCGGG

Sequence 10587

CCGGGCCCCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGGGGCTCAATAAAAAACA
CCAGCCACTTTTGTAATAATGGCATCACAGTGTATCATGTATGCAAGCAATAAACTCT
TTAGGGTATGGTTTTTACTGAAAATTTAATATGAAGGCCCTTCCCACAAGAATATAGA
TAATTATTAACCTTTCTAGATGTGATACGGTAATTCGAATTGCAGAGTATAAGGAAGGGAA

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ATGGGAAGGGGCATCATTCCCTTGGATTTTAAATAACTATCAAGAACATTTTTACTTTAAC
AAAGAAAATGGATAGAAAAAGCACATTTTGTTCCTGAAGTTAATTTGACATCAGGT
TTGTGTACTTATCTTCACTAGGTGACTTAACTTACCCCAATTTTTTAAAAATTATTAA
CTTTTACAGAACTAACCTTTTAAATGTACCCTTCCCATATATATATACGCACACGT
TTGGATTTTTTTTTTTTAAAGAACTTGTCTAGTTATAAATATATAAAGAAAACGATAA
AGTTTGTGGTACTGCAGGGTTGTTAAAGATTCTTTGATGCC

Sequence 10588

CCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGTATTGTAAAGGCTTATGAATATA
TTAGTTCCTTTCTCAACTTCCTCAATTCATTCCACCACTACAAGTCAATCTAGAGATTAA
AATAGGCAAAACTGTGATCTACGTTAGGATGGGGTGTGTTGAGTGGTGGTTTATTTCTGA
CTGCTTCATTTTATACTTGTATTTAAATATACAGTTTTTGT

Sequence 10589

GGGCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGGATAATAAAAAGAAATGCC
TCCCGCAAATTTAGCCAAAAATCTGAAGTGTCTCAGTTTAAAGCTTCAAGTAAAGTTACTG
GGTGATGTTTCTAAACCACAGCCTGAGTGACAAGTCTGCTGTTCTTTTCCACCTCT
GAGTTGAACACATACTCTTTTTCAGAAACATTGGGGCCACATAGATGAAGAGAATTGTT
TGGAATCTCAGAACCACCTATTTGAAGAACAAGGAGGTTTAGAAACACCCCACTTAGTCA
GTAAGGCTAATGGATTGAGGGCAGGGACT

Sequence 10590

CCCCCTCGAGAGTCTTCTAGAATTAATTAACGCGGGGACAAAGCAATTCCTGTAGCGTG
ATGAGTGTTCCTTAATAGCACAGCAAGGCCCATCCATCAATTTAGCAAACATTTATTGAT
GGTCATGTATGGTAGAACACAGTGCTAGGTATCGTGGGGTGAATACAAAATAGCTGGAAG
ATAACTTCACAGACAGACCTGATTAACACAAATAGATAAGCAGTTTAGCTCATTTGCG
TCCAAAATGGTCTTCACCTATCTTAAAGACTGTAGATTGTTATAATGAAAACAGCTCGGG
CCTTGAAGTAAAGCAGGCAAAAGCTTTACTTCTCCCTTTAGCAGTTAAGAGCTGCGTTT
CATGAGCAGCTCACTCATCTTCTCAGAGCAGCATTCCCTCATCTGCAAAATGAGCTTTATA
TAATAGATACCTCAGCAGCCTGATAAAGTTTTTGGCATTAAAGTCCCTCCATTGTTATTTT
CATTTATCTTTTCCCTCATTTTCTCTATTGAGAACATGTCCTTATCAATAGAGTTGTTATA
AACATTAAATGAGAAAACTTATCTAAATGCCCATGAATAACAGGTCAGAAAAAAAAAAAA
A

Sequence 10591

TACCGGGCCCCCTCGNGAATACTTCTAGNATTAATTAACGCGGGTGTTTTTTTTTATT
TTATGATACTCACANACTCATTTTTTGTCTTTATTTTCTCCCAATATTCATTTGAAGTTCA
GCTGCATGAGTGTGTCTGAAATGAAATGTCAGAGGCTACACTTGGATGCTATTAAATGT
TTGTGTTGTTTCACAATTCATATTCAAAACCTAGAAGATATTCCTGTAGAGTTGCATAAA
AATTGACACATTTGCAGACCATATTTTGACAAAGCCGTACCTTATGTACTCCATGATTGC
CAGAATTGCAGTTAAACTTGGTTTGGTTTATATATTGAAAAAATTTTAAAAATCATAGT
TCCTTATTATAGAATCATATAGATCTGTTTGATTTTCTTATTTTCTTCTGCTTTAATCT
TTCTCTATTTTACAAATAACTTCAAATATTTTCAAATTGTTTAGAATTCTCTGAAGTGA
ATAAAAGGTGTATTGTGCAAATTATGTGTTCTTAAAGATGTTTAGATATTTCTTAAGAG
ATTAACACTAATTTCTACTTATATATTTAAATAAATNNTATTCAAAAAAAAAAAAAAGCG
GCCGCCA

Sequence 10592

CCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGCAGTTGAGATTTGTCTGCAGGCT
CATAGGTCATTCCTTCTAGCAAGCTAAAAAATCACTTTCAAAGTGGTTTCATAACCTGTA
GAAACGAAAGCCCACAGCGTAACATCTCAGGTAAAAAATCCAGTGTCAGTCACTCAGATCACGC
TTACGGGCTGAAGTCTGGTGATTATGAAGTGAAGTCTGTTGTTGCAACCTGTGTGAGCA
TCAAAGCCTGTCATCACTTTTATTGGCAGGTGCCATGGGCTCAGACAGCAAGAGGGCAGG
ATGGGAAAGTGCCACTGAGCTAGTCAAACAGAGAAACAATGGAGAGGAAGAGAGCAAGCA
CCAGCATTGAGCATTTTGATTTTCTAAAAATGGACCTATTTGTATAGCGGGAACATAATT
AAAACCTACGGCCATGTGGTTTGTGTTAAATGTTAAGTGTTCAAAATGGTTAAATGTGT
TCTGTGCACTTGATGGAAATGGGATTCTCTACCAACTAATTGAGGGAAGGGGAAACAT
GGAAGGGATTAGTTTTCTAGAAGGAAAATGAAAATGAAAAATATGATGCC

Sequence 10593

ACTTCTAGAATTAATTAACGCGGGTCACTGGGATTACAAAAATATAAATTAGTTTTTTATG
ATAGAAATCTGACAAGTCATTTCTGTTTCTCCAAAGACATACACATGTGGTGTAAATTTT
GACCTGATTCATAGTCTCTGATACCCTAACACACAAAAAGCATATGCAAAAAAGCTAG

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ACTTATTGACATTAACTTTCTTCCAGCTCTTGCCAACAAAGAAATACTATTGTACAAAAT
CTGAATCTGGTTTCAAAAACAAAAGGCAGAATTTTAAACACTGGAATTACTGGAACATAA
ATAGGTCATTTAATGAAGCTATTTCCCTTTCACTCCCTTGGTACTTC

Sequence 10594

CGGGCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGTTCCCAAAGAATGACTA
TGAGTTGCACAGGGCAAGAAGGGAGGAAGGAGTTCCCAATCCACCAAGGAGGCCAATGGG
CTACTTTGTGTTGCTCCTGAAACGCATATACCAAGGGCCAGATAACGGTACCAGCTCAGG
GAAGTGTGGCAAGGAGCTCCACAGAGCCCAGGTGATCTATGGCTGCTGAGTGGAGGAGGA
GTCTGAAGTGGCACCACACCAGCACTG

Sequence 10595

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGTTCCAAAGATGCTTTT
TGACCTTTAGGTAAGGAAGACTATAGAAGGAAATGAATTATCTTGTTACCTATACCCCTTA
GCCAGGAGTGGTGTCTCATGCCTGTAATCCCAGCATTTTCAAGAGGTTGAGGCAGGAGGAT
CACTTGAGGCCAAGAGTTCAAGACCATCCTGGACAACATAGCAAGACATTGTCTCTACCT
GTTCCCCCAACCCCAAATTAGCTGGGTGTAGTGGTACATGCCTGCGGTCTACCTACTCA
GGAGACTGTGGCAGGAGTCCAGGAGTTCTAGGCTGTAGTGAGCCATGATTGTACCCTAT
ACCCCTGTCTGGGTGACAGAGTGAGACCCTGTTTCTATTGAAAAAAAAAAAAA

Sequence 10596

GGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGGTGGGTCTATTTTGGCC
TCTAGCTCCCACATCACTAAGGAACCTTGCTGTAACCCCTTAACCCAGGTGGCTAAAGGCAC
AGTGTGGATCCCAGCTGCTCTGCTGTCCCTTGAAGTGTCTTTTCTCCAGGGCATCTTCTT
GTGTTTCAAGTTTCAATCATGTTGTGAATTTTAAAAAATTGCCAGGCTAGGCATGGTGGC
TCAAGCCTGTAATCCCACCACTGTGGGTGGCTGAAGTGAAGAATCACTTCAGCCCACGA
GTTCAAGACCAGCCTGGGCAACGTAGTGAGACCCCATCTCAAAAAAAAAAAAAA

Sequence 10597

GGGCCCCCCTCGGGGTACTTCTAGNATTAATTAACGCGGGTCTCCTTCCTTCCTCCTGT
TTCCTGCCAGCCAGCATGCCTGTTGGCTGAACACAGAAGCAAGAAGACAGGGGATCTGGC
GATGTGATCCCTACAAGCCAGGCCCCAGGGCACAGAGTTAAGGCAGAAAGTATGGACAGT
GGATCTGGAGGGCCAAGGAAAGTTCTCCAGCAGAAAGGAAGAGCCTCCACTCAAAAAATT
CTTGGCTGCTCTTGACATATACTTCACCACTGACCACAGTCTTATAGTATCAGTTTATT
ATAAAACCATCCTGAGGCCAGATGCGATGGAGCACGCCTGTAATCTCAGCACTTTGGGAG
GCCAAGGTGGGCAGATCACCTGAGGTGAGGTGAGGAGTTGAGAGACCAGCCTGGCCAACATGGTGA
AACCCCGTCTCTACTAAAAATACAAATATCAGCTGGGCGTGGTGGCACGCTCCTATAGTC
GCAGTCACTCAGGAGGTTGAGGCATGAGAATCGCTTGACCCGGGAGGCANAGTTGCAGTG
AGCTGAGATGGCACCCTGCACTCCAGCCTG

Sequence 10598

CCCCCCTCGGGGTACTTCTAGNATTAATTAACGCGGGAGTCTTGTTAAGTGGTATTTTA
TAATCACCATTTGTAATCTTTGTGCTGCAAGAGAGAATATTTGGTGGACTGGAGATCATAG
AACTTGCATGTTACCGACTTTTACACAAACAGCCACATTTAAATTCAAAGAAAAATGAGT
AAGATTATAAGGTTTGCCATGTGAAAACCTAGAGCATATTTTGGAAATGTTCTAAACCTT
TCTAAGCTCAGATGCAATTTTTGCATGACTATGTGCAATATTTTCTTACTGCCATCATTATT
TGTTAAAGATATTTTGCACTTAATTTTGTGGGAAAAAAAAAAAAA

Sequence 10599

ATTAATTAACGCGGGCAAGGAGCAAACTGACTTGTGGATGGTGGGGAGGGCACCCCTGCT
GACCCATTGCTCCCCCTCCCATCTTTCTTTGGCTCTGATCACCCCTCCCCATTTCCCTTTTC
TTTGGCCTGGCTCCTTGCTCTCCCTGAGGCCCCCTTTAAAGCAGTGGGAGGGGAAATCAGG
CTCTAAATAAATCCAAGGGCTAATTTCCCTCCTTTCCCTCCCCCGGGCCAGGAAAAAAG
GAGCTGCACCCCTGCCACACACTCACTAGGCAGGGGGGGCCCCACCAGGGCACTGTGCCA
ACTCCTGGCAGCTCCAAGAAGTGAAGTCTGGCTATTTTGGCGTACCAGGGTACAGGAA
AGGTAACCACTA

Sequence 10600

GGCCCCCCTCGGNAGTCTTCTAGAATTAATTAATAAAAAAATAGTTAAAAAGAGAGGTGGC
TCAGATGGGAAGACCTTTTAAACCATTCTTTCACATATCCAAGTGTCCACCAGAGAGCAC
TTTGACAGCTTTCTTTTCTACTTAGTTAAGGACACTCTAAAGAAATTTAGATTTTCGCT
GTTTCAAGATATCAAAAGTGTTTTTTGGCACTTATAATACACCCAAGTTGGACTTAACTTT
AGGCATGACCTGGTCCAACCCTCTTTGTTTTGCACACAGGAGAATCTAAGAGAGGTTTGG
AACTTTCTCAAGATCCTTGACAAGTGAAGGACAGAGTGTCTTTTTTGGACGCCCTTCCT

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GAGCCTTGCTGCTCATCCAGGGCCTCGCACCTGTAATCCTAATGTTTTGGGAGGCTGAGG
TAGGAGGATAGCTTGAGGCCAGGAGTTCAGCTTGAGGCCAGGTGTTCAAGACCAGCCTGG
GCAACATAACAAGACCCTCATCTCGCCAAAAAAATTTTTTTTAAATTAGCCAGGTGT
GGTGACACATGCCAGTGGTCCCTAGCTGCTTGGGAGGCTGA

Sequence 10601

CGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGTAATGACCTTTGCTGGAA
ATCAAAATAATATGGTCCGTTTATTGCTTTACATTATATTTTTAAAGATACATACAGCAA
ACCGAGGGCAATAAATAGAAGAATAACTGTCTTCCCTCCCCTTGACCCCCGTCCTGATTTT
TCTCTTAGTGATACTCTACAGGCCTTGTCTCAAACCTTTGGCTTTTCTTCATTTCTCTCTG
TTCCTGCCTAGAATGCTTTGTCTGGCCCTAGCATTCCCTATTGGTCATGGAACCTTGCTA
TGTGATAGTTAAAAATACTTAGAGGAAATTAACCCTATGTGATAATGAGTATTTGGCTT
TGTTAAATCTCTTAACCTACCTTCCCTCTGTTCCCATCTCCAAGTATTTTGTGATGGGAC
TTCTACCTTAACCTCAAACCGATGGTAATGGTAGAAATTTTAGAAACTATGGGAGGCTGTT
GAGGGATAAATTTCTGAGAAGAGTTTTGTGGAATCTCTCAGAAACTATAGATAATGCGTT
GTTGTGCTTTGTGTAAGGTTGCTTTTGGCCATAGAGAATGAGCTGTTTTTCAGGTGTATT
GCCAGCT

Sequence 10602

GGGCCCCCCTCGAAATACTTCTAGAATTAATTAACGCGGGCAATTAAGTAAATATAAAA
GTTATAAACAACCTAGTTTTCCCAATTATTTAGAAAAAGACAAAGAAAAATCAGTATTTTAT
GAATCATCATTAATATGTAATAATCAAACATGGCTGGGCATGGTGGTTCACGTTTGTAAT
CCCAGCACTTTGGGAGGCTGAAGTGGGCAGATCAGTTGAAGTCAGGAGTTCAAGACCAGT
CTGGCCAACATGATGAAACCCCGTCTCTACTAAAAATACAAAAATTAGCTGGGTGTGGTG
GTGGGCACCTGTAATCCCAGCTACTTGGGAGGCCTGAAGCTGAAGAATCACTTGAACCTG
GGAGGCAGAAGTTGCAGTGAGCCAAGATCACGCCACTGCATTCCAGCCTGGGCAACAGAG
CAAGACTCCATCTCAAAAAAGAAATAAAATAAAGCCAGGCGCAGTGGCTCACGCCCTGTAA
TCCCAGCACTTTGGGAGGCCGGGGTGGGTGAATCACCTGAAGTCAAGCGTTCAAGACCAG
CCTGTCCAACATGGTGAAACCCTGTCTCTACTACAAATACAAAAATTATGTGGGCCTGGT
GGTAGGGTGCCTGTATCCCACTACTC

Sequence 10603

CCCCCTCGNGAAGTCTTCTAGAATTAATTAACGCGGGCAGGATTGCCTGGTAAGACCGC
CCACATCCCACCTGCAGTGACTGTGGTCGCTTTGCAGGGATATGCTGGTCTGATTGGACA
GACCTTCCTTGCAAGTTTCTGTCTGTTTTCCATCATAGCACACTTCTTAGCCATTTTCTC
ACTTTATAAGTACACACTTATTTATCAGTTTTATTGGTTTTCCACGCTCACCCATCTCA
CCTATAAACTCCCTGAGGGCAGGCACTATTTTCACTTCACTCACCACCATCTAGTAGGCA
CCTAGCACAGGCCCAATGTATATATATCTGAATAAATGAATGAACAAAGGAAGGAAAAAA
AAAAAAA

Sequence 10604

CCCCCTCGANGATCTTCTAGAATTAATTAACGCGGGATGAATTTTAAGATGAAACACACT
TTCTTGCTTTTAGAAGAGGCAGAAATGCTTCTTAGGAATATCTCATATCCTGATGAAGTG
ATGGCATTCTCAAAACATACACACACTGCCTGTTACATTAGATGTCTTATTTTTCATCAT
TCATAAATTGTTCATCATGGGCTTGTGTGTTTCCCTGAAGCATGAGTATGTTCTCCTCAT
GACCACTAATTTTCTTTTGGCAACAATTTACAGTGTTCTTTTCAGTTTATATTAGAGT
ATCCCATATTTATCCTAAGGAATTAGTCAAGGGCTATCAAATAACATGTTAATGAAATCC
CTTATTACAGTTTGAATTATGGTTACACCTTTGAGGGATAAAGAATAAATATATAATGTT
ATATCAACAAAGTGCTGTATATGACATATATGTGCATCCAAAAATACAGTGAAATACCCCT
TAGAAGAATAGAATGAAGTTACTGAGACAAGCCACATGAGCAGTTTAGAAATTCAAAGGA
GCAAGCGATTGCTGTTGGAGAAGTGGGTACAGCGAGAGTTAGTTAATATTTAATACTAGC

Sequence 10605

AATTAAATTACCGCGGTTATCCTCGCATTTGTTGGTTGTTTTTCCCCCCCCACCATGGGTAC
CATAGTGGTCTCAAATGACCATGTGAAAATCAAAGTTTTACTTGTGCTAAAAAATTTTGT
TATCTACTAAAAAGTTTATGCTTTTTTTTTTAAAAGATTATGTCCAAAGACGGGCCGGGC
TTGGGGGCTCACCCCTATAATCCCACCATTTTGGGAGGCTGAGGCGGGTGGATCACAGGG
TCGGGAAATCGAAACCTTCTTGCTAACATGGGGAAACCCCGTCTTACTAAAAAATACA
AAAAATTTACCCAGGTGCGGGGGCGGGCCCTGTAGTCCCATCTACTCAGGAGGCTAAGGC
AGGAAAATGCTGTAAACCCCTGGAGGCGGACCTTGCAAGTAAGCTGAAATCCCGCCACTGCA
CTCCACCTGGGTGAAAAACCGAGACTTTGTCTAAAAAATAAAAAA

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Sequence 10606

CTGGGGTACCGGGCCCCCCCCCTCGNNGGTACTTCTAGNATTAATTAACGCGGGTTATCAG
AGAAGTGGTTGGCTCTGCATGACAACTGCCAAATGGTTCTAAGAAGCATGTCAACAGTT
GTTTTTGGTCAAGCTACTGGATGTGGCCTATCTCCACGGGTGATAGTTGGTAGAGCTCAC
AACTATTTTTATTCTTAATAACACATGGAAATATAGACCATAACGAATGAATTGTCATAT
TTAAAGAGAGGCAATTTTTTAATAATAATTTTAGAAATGCTTGCTTCTTTTTGAGATGGAT
TTTCGCTCTTGTTGCCCAAGCTGGAGTGCAATGGTGCGATCTCGGCTCACTGCAATCTCT
GCCTCCTGGGTTCAAGTGATTCTCCTGCCTCAGCCCCCTGAGTAGCTGGGATTACAGGCG
TGCACCACCACGCCCCGCTAATTTCTTGATTTTTTAGTAGAAATGAGGTTTCACCATGTT
AGCCAGGCTGGTCTCANACTCTTG

Sequence 10607

CCGGGCCCCCCCCCTCGAGAGTACTTCTAGAATTAATTAACGCGGGCTATATACTAAACTTG
TTTCTTAGAAAGACACAGAAGAACCCTTTCACTGTAAAGTCTCAAAGGATCCATGATCC
CAATAAAAGTTAAAAACCAAGCATATATCTTCCATGTCTTCATATCATTATGCGTAT
TAAAAGCCATGATGTATACAGACATCACAGGACATCTTCATATTTGCCATGATCTTTAT
CAATGCCCTCAGCTACTTGGCCTCTTGGTAGGCAGCAGGAAGTATGTTTTACCTTTGCCTC
AGGAGATTAGGAATGTCTTCTAGAATGTGACTATTCACTAGTATATTTGTTAATGTTTCC
TTTTATTGCTTCTGAGACTCCCCCAATCTTAATCTTCTATACAAAGTGGCATTTTTGGTT
TACAGTGTTTTTAAACAGTGAAAAGGAACTTTTTGCTGTTACAAATTTTATGCATCACC
ATATATAAACTAACTATGTGAGTGGCTCTATGAGATTTCTGTAAAACTTTTTCTTAC
AAATAGATAAATTACACAGGTATGCAAAAACCTTATGTTGAAATATTGTTTTTATGTGAT
GAAAAGTGAAATCAATCAATGCCC

Sequence 10608

CGGGCCCCCCCCNTCGGGGTACTTCTAGNATTAATTAACGCGGGATATATGGAAAGGGAAA
AGGTAAATCACTTAACTACTTGATGCAAAACAGCAATCCTTCCAGTTTGAAATATAAAG
TCCCATTGGCTCTTAGTAGAGTAAGGAGAGTAGTAAAGAAAACAGCCAGCTATGACCAA
TAATTTGTACATACAGAAGAAAGATTTAAATTTTCTTAACATGCCTTAATCCTTACTCAT
AAGAAGGAACAGGAATGCTTACAGACTATTAATTTAAATATTCTAAAAATATCGACGTT
ATGTACAAATTTTATGCTATTAGGATGAACAGCTAATTATTTCTTAGTAATGATGCTTCA
TTAATAAGCATCTGTTTATGTCTGTTTATCAATGCTATATAAATTTGCGTGGAATAGCTA
TCAAAGTAGCTTAAAAACTAAAAACTATAGTCCCTGCTGCTTTTTCAGGAAAAAGACAA
CCTAAGCATTTAACTTTACATCCTTCTGAACCTTTAAATTTTTTGGTCATTGGTATGTATN
TATTTTTTAAATTAATAAATAACTAA

Sequence 10609

AACGCGGGCAGTAACATATGACAACAACCTTTCCAGCCTGCGTGGCAGGCAGGTGGCCA
TTGAGATGTGAAAAGAAGATGCTGAGTGGTGATTCTGGGAAATCCCTGGAAAGTGATAAA
CTTCTTTTGGCCTTCTCTCCTCATCCTTCCACTGAGACAGGACAAGATGGTGGGATCCC
CATCAGCCATTTTGAAACACAGGGATGAAAGCCTCACTCTATGGCTGGGGGAGGAGGGA
TCTATAAGGAGCCACGTGTCTGGCGTGGGACTTCCCATTCTGGAATGGGCATTATGGAAG
ACAAAATAAACCCTCTTGGTTAAATAGATGGAATGGGGATGGGTCTGGGACCTGCAGC
TGATGGAGATGGCCAGAAATAGGCGTATGTGCTGGTAATAATGGGGAAATGCTGTGGTAA
TGCTACTACCACTGACAAAGAATGAGAGACCTACTCTAAAAATGGACTAAA

Sequence 10610

GGGCCCCCCCCCTCGAAAGTCTTCTAGAATTAATTAACGCGGGCAGAAACAGAAGATCAAA
AACCCATGTTCTCATTTTTTAAGTGGGAGCTAAACAATGGGTACACACGGACATAAAGATA
GAAGTAACAGACACTGGGGACTCCTAAAGGGGAGAGGCTAGAGTTGAAAAATTATCTGTC
TGGTGTAATGCTCACTATTTGGGTAATGGGTACATTAGAAGCCCAATCTCCACCACTACG
CATGTGCTATGTAACACACCTGCACATGTACCCCTGAATCTAAATACATTAAACTT
GAAAAATAAATAAATATCACCTTAAAAAAGTGAAGTACTCCTAATCCTACTAC
TGGCAATCTAGTGGCAGAGACAGGTGAAACCTTTACCCACTCATAAAACAGGAGGCCCCA
ATTATTTAAACTGAGAATTAAAGTAAGATTGATGTGTTCCTTTTAACAGAGATGTCTGAAT
GAGGGATATTCATACTAGTTTGACCCAACAGGAAGAAAGTACATTTTGAAGGAGACCCA
GTTCTTTTATAATCACAGGAAATATTTCTTACCTTTTACAGCAGAT

Sequence 10611

CGGGCCCCCCCCCTCGGGGTACTTCTAGAATTAATTAACGCGGGGGGATTGGCAGATTTCCC
TGAAGTTGGTTCCAGAGTAGCCAGAAGAGGAGGACATTTTAAAGAAGGGTTTAGGCTGCT
CTTCTAGAAGAAAACCTCTGTCTCTTGCTCCTATGATCCAAGGTTTCAGGGATTATTTTA